



2003-05 FINANCIAL PLAN & BUDGET

CAPITAL BUDGET DETAIL BY ACTIVITY

PG #		2003-04 Requested Cost	City Manager Recommended	2004-05 Requested Cost	City Manager Recommended	Comments
Public Safety						
	Police Department					
1	Police Outdoor Range	50,000		350,000		
	Animal Shelter					
2	Animal Shelter Expansion	1,865,000		1,865,000		
	Fire Department					
3	Base station Emergency Alerting System	12,000	12,000			GF capital
4	Restoration of Seagrave's Pumper	15,000		15,000		GF capital
5	Purchase Fire Engine (2)	83,300	83,300	83,300	83,300	lease purchase
6	Rescue Trailer & Equipment			47,500		
7	Vehicle -- City Match to Grant	15,000	15,000			
8	Fire Station #2 replacement	140,000		1,700,000	140,000	GF cap & financing
	Total Public Safety	2,180,300	110,300	4,060,800	223,300	
Public Utilities						
	Water Utility Services					
	Water					
19	Water System Capital Maint	1,515,000	1,515,000	1,640,000	1,340,000	
20	Water System Capital Expansion	950,000	950,000	2,420,000	2,420,000	IMF and water
21	Trailer Mounted Vacuum System	43,430	43,430			100% water
	Wastewater Utility Services					
22	Replace WS headwork sluice gate	15,000	15,000			
23	WS professional services	40,000	40,000			
24	Replace WS primary sedimentation tank	15,000	15,000	15,000	15,000	
25	Upgrade WS telephone system	42,000				
26	Replace WS lab ceiling tile & light fixtures	15,000				25% Public Benefits funding
27	WS facility improvements	18,365,000	18,365,000	365,000	365,000	rate increase - 22%
28	Replace roof - WS boiler/Influent pump build	15,000	15,000			
29	storm drainage system expansion	181,000	181,000	1,285,000	1,285,000	IMF
30	Storm drainage system capital maint	126,000	126,000	105,000	105,000	
31	Collection system capital maint	1,100,000	1,100,000	700,000	700,000	
	Electric Utility Services					
	Electrical Services					
32	Replace data server & tape drives			12,000	12,000	
	Electric Construction & Maintenance					
34	Purchase overhead line puller/tensioner	80,000				
35	Line Ext, Serv Connect, Substructures	1,036,000	1,036,000	1,100,000	1,100,000	
	Line extensions (\$650,000)					
	Service Connections (\$160,000)					
	Substructures (\$160,000)					
	Revenue Metering (\$66,000)					
36	Distribution system improve, Dusk to Dawn	919,200	919,200	1,083,200	1,083,200	
	Distribution system improve (\$917,000)					
	Dusk to Dawn lighting (\$2,200)					
38	Streetlight improvement	1,100,000	1,100,000	950,000	950,000	
39	60 Kv Transmission line	476,500	476,500	648,250	648,250	
40	Fiber optic system	655,000	655,000	82,500	82,500	
41	Streetlight standards upgrade	87,500	87,500	87,500	87,500	
	Substation Construction & Maint					
42	Purchase 80 Kv DC HiPot Insulation Tester	12,000	12,000			
43	Purchase Digital Micro-Ohmmeter			12,000	12,000	
44	Substation re-construction	1,505,000	1,505,000	1,114,000	1,114,000	
	Engineering & Operations					
47	Replace metering circuit analyzer	11,500	11,500			
	Total Public Utilities	28,305,130	28,168,130	11,619,450	11,319,450	
Transportation						
	Streets and Flood Control					
48	MSC restroom/locker room expansion	150,000	150,000			street IMF, W & WW IMF
49	Reconstruction of Pavement			259,000	259,000	street, W/WW, elec
50	Office furniture for mobile modular office			21,000		
51	Expansion of fleet services shop	275,000	275,000	1,950,000	1,950,000	IMF, Elec, W, WW, transit
53	Street Capital Maint	2,219,000	1,969,000	5,475,000	5,225,000	various
54	Traffic signal & street lighting improve	427,200	406,200	440,200	219,200	various
56	Street expansion projects	3,255,500	3,255,500	3,827,000	3,827,000	State Tran, TEA, TDA, IMF
58	Downtown Street improvements	35,000		58,000		MK, CDBG, Elec
	Total Transportation	6,361,700	6,055,700	12,030,200	11,480,200	

2003-05 FINANCIAL PLAN & BUDGET

CAPITAL BUDGET DETAIL BY ACTIVITY

PG #		2003-04 Requested Cost	City Manager Recommended	2004-05 Requested Cost	City Manager Recommended	Comments
Leisure, Cultural & Social Services						
59	Parks & Recreation Capital	300,000	175,000	300,000	300,000	
	Upgrade P & R master plan (50,000)					
	Creation of Private Offices (40,000)					
	Upgrade Recreation software (35,000)					
	Parks Maintenance Proj/Equip (175,000)					
	Upgrade phone system (34,000)					
60	Purchase Pickup	20,000				Capital Outlay
61	Replace Copy Machine	12,000			12,000	Equip Repl
62	Purchase Turf Tractor	18,000				GF Capital
63	Aquatic Center Construction	460,000		5,983,000		COP, IMF, Capital Outlay
64	Indoor Sports Center	929,000		9,450,000		COP, IMF, Capital Outlay
65	DeBenedetti Park Development	300,000		7,525,000		COP, IMF, Capital Outlay
66	Modular Office			500,000		
67	Restroom replacement - Vinewood	130,000				GF capital
68	Irrigation system retrofit - Vinewood			140,000		GF capital
69	Restroom replacement - Beckman			120,000		GF capital
70	Lodi Lake Central Area Improvements			1,250,000	1,250,000	grants
Cultural Services						
Library						
71	Upgrade Computer System	204,000		35,000		GF capital
Community Center						
72	Purchase pickup truck	29,000				Capital outlay
	Total Leisure, Cultural & Social Services	2,402,000	175,000	25,303,000	1,562,000	
Community & Economic Development						
Engineering						
73	High Resolution GIS control survey	50,000	25,000		25,000	W,WW, IMF, Elec
	Total Community & Economic Development	50,000	25,000	-	25,000	
General Government						
City Council						
74	Purchase laptop computers (5)	12,500	6,250		6,250	
City Manager						
75	Contribution to Salvation Army capital	50,000	50,000	50,000	50,000	five year program -RDA
Information Systems						
76	Computer replacement fund	75,000	75,000	75,000	75,000	Capital outlay
Finance						
Purchasing						
77	Add Transformer storage capacity			11,000	11,000	Electric Utility Capital
Public Works Facilities Services						
78	Replace Library carpet	137,000				GF capital
79	Repair Library Drainage system	55,000				Capital outlay
80	Replace Library HVAC	10,000		600,000		Capital outlay
81	Complete Public Safety Build & Civic Center	400,000		2,875,000		financing, IMF & GF
83	Hire consultant - evaluation of Lodi Arch	20,000	20,000			grants or donations
84	Replace roof at Radio Room	15,000			15,000	Capital outlay replacement
85	Replace emergency generator at MSC	45,000	45,000			Electric
86	Replace emergency generator at Fire St #3	43,500			43,500	Capital outlay replacement
87	Replace fuel dispenser & card system	69,000				evaluate alternative system
	Total General Government	932,000	196,250	3,611,000	200,750	
	CAPITAL BUDGET	40,231,130	34,730,380	56,624,450	24,810,700	
	Public Art Fund			58,700	35,000	
Current Debt Service:						
	General Fund	1,671,446	1,671,446	1,671,671	1,671,671	
	Electric Fund	7,920,308	7,920,308	6,317,569	6,317,569	
	Water Fund	226,699	226,699	226,767	226,767	
	Wastewater Fund	817,465	817,465	816,440	816,440	
		10,635,918	10,635,918	9,032,447	9,032,447	
	TOTAL CAPITAL BUDGET	50,867,048	45,366,298	65,715,597	33,878,147	

CAPITAL BUDGET DETAIL BY ACTIVITY

PG #	2003-04		2004-05		Comments
	Requested Cost	City Manager Recommended	Requested Cost	City Manager Recommended	
FUNDING SOURCES:					
	GENERAL FUND - CAPITAL	416,550		669,550	
	GENERAL FUND -EQUIP REPL	-		55,500	
	FINANCING	18,000,000		-	
	CDBG GRANT FUND	175,000		200,000	
	IMPACT FEE FUNDS-REGIONAL (332)	810,500		1,679,000	
	STATE STREETS (335)	2,629,000		2,856,000	
	MEASURE K - GRANT	750,000		3,900,000	
	MEASURE K -MAINT	260,000		259,000	
	STREET TDA	210,200		261,880	
	IMPACT FEE FUNDS - LOCAL STREETS (327)	-		100,000	
	TDA	48,000			
	TEA	163,000			
	TRANSIT	55,000		238,000	
	ELECTRIC FUND	5,902,700		5,734,590	
	WATER FUND	2,250,930		3,374,840	
	WATER IMF	375,000		645,000	
	WASTEWATER FUND	1,743,500		1,583,840	
	WASTEWATER IMF	231,000		1,297,500	
	OTHER GRANTS	710,000		1,991,000	
	General Fund Debt Service	1,671,446		1,671,671	
	Electric Fund Debt Service	7,920,308		6,317,569	
	Water Fund Debt Service	226,699		226,767	
	Sewer Fund Debt Service	817,465		816,440	
	TOTAL CAPITAL BUDGET	45,366,298		33,878,147	

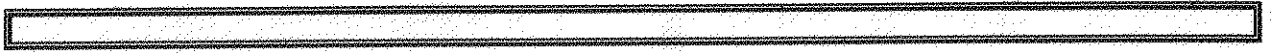
2003-05

FINANCIAL PLAN AND BUDGET

**City Manager
Recommended
Capital Improvement Projects**

**CITY OF LODI
CALIFORNIA**

PUBLIC SAFETY



2003 - 2005 Financial Plan and Budget Request

CAPITAL IMPROVEMENT PROJECT BUDGET REQUEST

ACTIVITY: Police Department
REQUEST TITLE: Outdoor Range Facility

Project Description

The ongoing Public Safety Building & Civic Center Complex Project has three Design/Construction phases. The construction and implementation of the Police Department's Outdoor Range Facility is related to Phase II of this larger project.

Project Objectives

The project objectives are:

- To provide a safe environment for sworn officer's to maintain their proficiency with weapons they are required to use as part of their job.
- Eliminate rental of other facilities for training purposes.
- To provide a facility for EOD Bomb training and the detonation of explosive devices for Lodi PD's Bomb Squad.
- Special circumstance K-9 training courses would also be set up at this facility.
- Have training facilities available close to the City of Lodi for our employees. We do envision this as possibly being a cooperative effort with the Lodi Fire Department.

Existing Situation

The current situation requires all sworn police personnel to have outdoor range practice to maintain proficiency with their rifles. To accomplish this training, we rent the San Joaquin Rifle & Pistol Range in Linden, California. This is usually an all day training, which therefore requires us to provide lunches for employees required to be out of town. The Outdoor Range element is the result of a cost saving measure on the new Police Facility of approximately \$1.2 million. This also provides the opportunity to have an outdoor training facility that can accommodate a variety of uses and training scenarios.

Schedule and Project Costs

	2003-04	2004-05	Project Total
Design	\$50,000		\$ 50,000
Construction		\$350,000	\$350,000
Total	\$50,000	\$350,000	\$400,000

Recommended Funding Sources

Debt financing with repayment from Development Impact Mitigation Fees and General Fund as part of the larger Police Facility project.

Project Effect on Operating Budget:

There should be no effect on the current operating budget. A cost savings of overtime and lunches should be accomplished. The Outdoor Range Facility would provide the opportunity of generating revenues. There is such a shortage of range facilities that we will be able to rent our facilities to other law enforcement sectors for their outdoor range training needs.

2003 - 2005 Financial Plan and Budget Request

CAPITAL IMPROVEMENT PROJECT BUDGET REQUEST

ACTIVITY: Police Department
REQUEST TITLE: Replacement of Animal Shelter Facility

Project Description

Construct an animal facility compliant with State law and that meets Lodi's projected requirements for animal welfare and control

Project Objectives

The project objectives are:

- Compliance with newly mandated State laws regarding lower kill rates of animals, mandatory spay/neuter of animals released for adoption, longer holding periods of impounded animals, provision of medical care for all "treatable" animals, increased record keeping requirements and the development of public/private collaborations
- Compliance with American Disability Act
- Meet the growing needs for animal control as well as animal welfare and population control

Existing Situation

The Lodi Animal Shelter was built in the 1960's to service a community of approximately 26,000. As most shelters built at that time, its purpose was to be a "dog pound" i.e. a place to impound stray and vicious dogs before euthanizing them. The facility was not built for animal welfare or protection from contagious illnesses. The State holding requirements were minimal. There was little effort made to find adoptive homes or to educate the community of the need for animal population control.

The current shelter cannot meet the newly mandated State laws or fulfill the expectations of a community eager to provide more humane animal care. It is operating beyond its capacity for the number of animals Lodi needs to serve. Present conditions result in hundreds of healthy animals being destroyed because of lack of housing or resultant illness from overcrowding.

Project Work Completed

The current staff and volunteers have done an outstanding job of improving the image of the shelter by increasing adoptions, licensing and providing spay/neuter programs – all resulting in decreased euthanasia of healthy pets; however, the current and projected increases in Lodi's animal population far exceed our shelter's present capacity.

Schedule and Project Costs

	2001-02	2002-03	2003-04	2004-05	Project Total
Phasing					
Study		250,000			
Design	220,000				220,000
Acquisition					
Construction		250,000	1,865,000	1,865,000	3,980,000
Total	220,000	250,000	1,865,000	1,865,000	\$ 4,200,000
Recommended Funding Sources					
Capital Outlay Fund					
Enterprise Funds					

Project Effect on Operating Budget:

The 2003-05 Operating Budget should not be impacted. The initial planning and design of the facility are in the completion stage. The formal bid process has not been implemented due to necessary additional approval. City Council involvement and approval will occur during the 2003-2005 fiscal years. Actual building of the facility will take place after bid and contract signatures.

2003-05 Financial Plan and Budget
CAPITAL EQUIPMENT BUDGET REQUEST

ACTIVITY: Emergency Operations ☐ Fire
REQUEST TITLE: Procurement and installation of base station emergency alerting systems

PROJECT DESCRIPTION:

Purchase base station radios, mixers and ancillary equipment to install at all fire stations to reduce occupational hearing loss.

PROJECT OBJECTIVES:

Reduce occupational hearing losses by installing appropriate emergency broadcast equipment and improve the quality of radio transmissions.

EXISTING SITUATION:

Occupational hearing loss reduction and installation of emergency alerting base stations with private line strip capability is the requested project solution. Delta Wireless provided a quote to install base station mobile radios, antennas, microphones and a mixer amplifier at fire stations one, two, and three and a mixer amplifier at fire station four. This price also includes the installation of the equipment and interface work that must be completed with the existing emergency alerting system. The purpose of this request was stated in e-mails from the Fire Department to Human Resources and the grievance logged by the Firefighter's union dated July 28, 2002. Occupational hearing loss is a concern and has affected employee health. The purchase of this equipment will reduce occupational hearing loss and claims and rectify the grievance. It will allow for the reduction of ear piercing tones that come from the emergency dispatch center to the fire department radios that affect personnel hearing. Work has been completed to reduce this tone in the apparatus and on portable radios. The requested work will complete this process at all fire stations.

Schedule and Project
Costs

Prior Budgets	2001-02	2002-03	2003-04	2004-05	Total
Phasing					
Study					
Acquisition			\$12,000		\$12,000
Construction					
Total			\$12,000		\$12,000
Recommended Funding Source					
Capital Equipment Fund					
Total				\$12,000	
<u>\$12,000</u>					

Alternatives:

1. Delay or reject the installation.

2003-04 Financial Plan and Budget
CAPITAL EQUIPMENT BUDGET REQUEST

ACTIVITY: Emergency Services
REQUEST TITLE: Restoration of 1921 Seagrave's Pumper (fire apparatus)

PROJECT DESCRIPTION:

The Seagrave's Pumper was originally purchased in 1921 by the City of Lodi Fire Department. The vehicle was declared surplus and sold. City Council accepted the pumper as a gift from a private citizen who had begun the restoration and acknowledged him with a proclamation.

PROJECT OBJECTIVES:

The project objective is to complete the restoration of this pumper by the centennial anniversary (2007) of the Lodi Fire Department. The restoration of this pumper is well under way and was donated back to the City in its current condition. Substantial work remains to be completed on this project to return the pumper to its original 1921 condition. This pumper is one of the very few items possessed by the fire department that documents its history. The project is designed to be completed in three (3) years and the showpiece for the fire department centennial and many years thereafter. Much of the work will be performed by off duty fire fighters with assistance from private contractors, i.e. mechanical and millwright work.

EXISTING SITUATIONS:

The pumper is currently being stored at a local storage facility. At this time there are no funds available to pursue the completion of the antique department treasure.

Schedule and Project Costs

	Budget	2003-04	2004-05	2005-06	2006-07	Total
Phasing						
Study						
Acquisition						
Construction						
Total		\$15,000.00	\$15,000.00	\$10,000.00		\$40,000.00
Recommended Funding Source						
Capital Equipment Fund						
Total		\$15,000.00	\$15,000.00	\$10,000.00		\$40,000.00

Alternatives:

1. Do not fund the project
2. Locate alternative funding

2003-05 Financial Plan and Budget
CAPITAL EQUIPMENT BUDGET REQUEST

ACTIVITY: Emergency Operations - Fire
REQUEST TITLE: Lease/Purchase two Fire Engines

PROJECT DESCRIPTION:

The Fire Department has been progressing toward re-establishing an engine company to Fire Station #1 and replacing aging equipment. In March 2002, the staff and engine company was re-assigned from Fire Station #1 to Fire Station #4 to facilitate staffing at the new station. The Fire Department has made progress toward re-establishing an engine company at Fire Station #1, by hiring 6 of the 10 needed firefighters. In order to complete this project, a new engine (fire apparatus) will have to be purchased. the Fire Department is recommending a lease/purchase option.

In addition, a second engine (fire apparatus) will have to be purchased to replace aging reserve apparatus. The oldest 2 engines (fire apparatus) in the fire department fleet have been in service for over 20 years (1976, 1981) and need to be replaced. The purchase of both engines will be accomplished through a seven year lease program already established. All fire apparatus will be purchased with a full complement of equipment, i.e. hose, ladders, lights, radios, etc.

PROJECT OBJECTIVES:

Provide fire and emergency medical coverage in the Fire Station #1 (downtown) area and to replace aging reserve fire apparatus.

EXISTING SITUATION:

Currently, the Fire Department has two fire apparatus in excess of 20 years old, 1976 Van Pelt and 1981 Van Pelt. Both apparatus have operated beyond their 10-year frontline and 10-year reserve expectancies. They are used as reserve fire apparatus. By purchasing the two fire apparatus, the department will be able to shift older apparatus to reserve status and incorporate the new apparatus as frontline equipment. In addition, fire apparatus costs have increased tremendously and new emission standards will take effect in 2004. By agreeing to purchase two vehicles, the City could realize savings with lower costs due to multiple vehicle purchases/leasing. There is a 7-9 month lead time for fire apparatus purchase/lease and delivery. Should Council approve re-establishing an engine company in the downtown area, the fire apparatus would have to be ordered in July for delivery in January. The current lease/purchase agreement terminates in 2003-04.

Schedule and Project
Costs

	Prior Budgets	2001-02	2002-03	2003-04	2004-05	Total
Phasing						
Study						
Acquisition				\$83,300	\$83,300	\$166,600
Construction						
Total						
Recommended Funding Source						
Capital Equipment Fund						

Alternatives:

1. Purchase engines outright @\$465,000each or \$930,000 for both.
2. Delay re-establishment of and engine company in Fire Station #1 (downtown) area.
3. Continue high maintenance/repair costs to operate current apparatus.

2003-05 Financial Plan and Budget
CAPITAL EQUIPMENT BUDGET REQUEST

ACTIVITY: Emergency Services
REQUEST TITLE: Rescue "Light Level" Equipment and Trailer

PROJECT DESCRIPTION:

Establish a minimum operational level cache of rescue equipment.

PROJECT OBJECTIVES:

To ensure the Lodi Fire Department has adequate tools and equipment to meet the required San Joaquin County "Light" Operational Level.

EXISTING SITUATION:

This budget request was submitted and approved in the (2001-03) budget pending the availability of grant funding.. However, funds were not available, therefore we are resubmitting the proposal. The Lodi Fire Department is a member of the San Joaquin County USAR response team and as such, adheres to the guidelines and policies for training and equipment. Within the "Lodi Fire Department Self-Assessment Document", the fire department has determined that there is a need to fulfill the San Joaquin County's requirement for a "Light Operational Level" cache of equipment. Additional resources must be requested from other departments in the County in the event of a major catastrophe. In all likelihood, these resources would be inundated also during a regional emergency. The bordering fire districts of Woodbridge and Mokelumne have "medium" level capabilities with apparatus for response. We are requesting a "light" capability to handle the basic rescue responses and initiate the rescue process until mutual aid from the bordering districts can respond.

In the last two years several events have occurred to alter prospective needs of the community. The attacks of September 11th and County preparedness drills have raised awareness of the need for more mass casualty capabilities. Potential rescue risks include an increase in the numbers of people inhabiting older downtown structures and the increase in the number of large concrete structures built in town. The trailer will assist Fire Department personnel to mitigate emergency incidents involving rescue and mass casualties.

Water Rescue Equipment	\$9,500.00
High/Low Angle Rescue	\$3,000.00
Confined Space Rescue	\$7,000.00
Trench Rescue	\$2,000.00
Urban Search and Rescue	\$4,000.00
Trailer	<u>\$22,000.00</u>
Total	\$47,500.00

Schedule and Project Costs

	Prior Budgets	2001-02	2002-03	2003-04	2004-05	Total
Phasing						
Study						
Acquisition					\$47,500.00	\$47,500.00
Construction						
Total						
Recommended Funding Source						
Capital Equipment Fund					\$47,500.00	\$47,500.00
Total						

Alternatives:

1. No additional equipment purchased and utilize mutual aid
2. Defer trailer to future budget cycle

2003-05 Financial Plan and Budget
CAPITAL EQUIPMENT BUDGET REQUEST

ACTIVITY: Fire Administration
REQUEST TITLE: Vehicle Matching Funds for Assistance to Firefighters Grant (FIRE ACT)

PROJECT DESCRIPTION:

In the event the Fire Department is successful in acquiring an Assistance to Firefighters Grant, the City must provide a 30% match. The grant will be used to purchase a fire safety mobile home to teach fire safety to adults and at-risk children. The fire safety mobile home is estimated to cost approximately \$50,000. The City matching cost is estimated to be \$15,000.

PROJECT OBJECTIVES:

To provide for a 30% match if Assistance to Firefighters Grant application is successful.

EXISTING SITUATION:

The Fire Department will apply for an Assistance to Firefighters Grant (FIRE ACT). The Grant will be used to purchase a fire safety mobile home. The fire safety mobile home will be used to provide fire safety information to both adult and at-risk children safety programs. The estimated cost of the fire safety mobile home is \$50,000. The City match is estimated to be \$15,000.

Schedule and Project
Costs

Prior Budgets	2001-02	2002-03	2003-04	2004-05	Total
Phasing					
Study					
Acquisition			\$15,000		\$15,000
Construction					
Total					
Recommended Funding Source					
Capital Equipment Fund			\$15,000		\$15,000
Total					

2003-05 Financial Plan and Budget
CAPITAL EQUIPMENT BUDGET REQUEST

ACTIVITY: Fire Administration
REQUEST TITLE: Fire Station #2 Replacement

Project Description:
Establish funding for the replacement of Fire Station #2.

Project Objectives:
Rebuild the Fire Station to meet Life Safety and Essential Services standards and increase fire apparatus storage space.

Existing Situation:
Fire Station #2 was built in 1980-1981. The building features a one-story, slab-on-grade pre-engineered, steel structure with exterior metal siding. The facility is approximately 6070 square feet. A structural analysis was conducted by Ron Vogel for George Miers and Associates. This analysis was performed in order to better ascertain costs for remodeling or rebuilding the station. The preliminary analysis of Fire Station #2 suggests the building does not meet current fire department needs. The single most important issue concerning this facility is that it does not meet Essential Facility Standards. In addition, the building does not meet basic Life Safety criteria as it contains neither fire sprinkler suppression system nor smoke detectors. The electrical and mechanical systems have outlived their life expectancies. The facility should be replaced. In the following **Schedule and Project Costs** summary, \$40,000 has been requested for additional design and performance standards, \$100,000 has been requested for housing costs associated with continued operations during remodeling/rebuilding phases. Staff is pursuing alternative finding sources for the actual rebuilding/remodeling costs, most notably design build/lease buy back options. Preliminary payment estimates for a lease/buyback option range between \$22,985 per month for 10 years to \$66,516 per month for three years. The executive summary and structural report is included with this request.

Schedule and Project
Costs

	Prior Budgets	2001-02	2002-03	2003-04	2004-05	Total
Phasing						
Study		\$25,000		\$40,000		\$40,000
Acquisition				\$100,000		\$100,000
Construction					\$1,700,000	\$1,700,000
Total						
Recommended Funding Source						
Capital Equipment Fund						
Total						
\$1,840,000						

Alternatives:

1. Remodel building; bring up to Essential Services standards; Life Safety standards
2. Postpone remodel/rebuild until state budget crisis abates

Ron Vogel, S.E., Inc.
April, 2002

PROJECT SUMMARY REPORT

Project: **Lodi Fire Station #2**
East Lodi Ave.
Lodi, CA

Client: **City of Lodi**
Community Development Dept.

Attn: Gary Wiman

A structural review of the referenced project has been conducted by this office. The review consisted of a qualitative assessment performed during a site visit. The structure was visually assessed on March 28, 2002, by Ron Vogel, structural engineer. This assessment was to provide an opinion on the structural adequacy of the existing fire station and ramifications of future expansion. This report provides a brief description of the structure, a summary of the observations that were made, and conclusions and recommendations.

Scope of Work

This review was limited to a visual observation of the existing structure and a review of the drawings provided. Observation of the foundation was not possible. We looked for distress, differential settlement, heaving, displacement, etc. that would indicate significant structural damage. A partial set of the existing structural drawings, and option "B" showing a potential future addition, were made available. No destructive testing was done and no finishes were removed. The scope was not to verify every member or different condition, but rather to focus on those elements of this structure judged by our office to be the most important, most frequently overlooked, and/or most representative of the general quality. Users of this report must accept the fact that it is limited in scope and addresses structural features only.

Description of structure:

There are two main portions to this existing facility; Main Structure and Tower.

1. Main Structure: This is basically a one-story, design-build steel building. Design drawings, specifications, and computations for the design build portion (steel portion above ground) were not available for review. Foundations are shown on the drawings by

Preszler and Bishop. Conventional continuous and spread footings are used. Window sill height concrete masonry unit (CMU) retaining walls retain the landscaping berms around the perimeter. Lateral force resistance is provided by moment frames and CMU shear walls for East-West lateral forces. North-South lateral force resisting elements were not visible but are assumed to be diagonal bracing within the perimeter walls. The steel building uses wide flange shapes, light gage "Z" sections as roof rafters and horizontal wall members. The exterior sheathing is light gage corrugated steel on all exposed surfaces. Interior walls are light gage non-bearing steel studs at 16" on center sheathed with gypsum board.

2. Tower: The four story steel structure was intended to be used to hang and dry hoses from the upper levels. Wide flange, channel, and tube sections are utilized. Light gage corrugated siding and roofing matches the main building. The tower is only minimally detailed on the available drawings.

Observations

The following conditions were observed:

1. There are no general notes or references to a building code on the drawings. Therefore, the allowable soil pressures, and design assumptions for vertical and lateral forces are unknown. In 1980, the 1979 or 1976 UBC could have been used for design. Using the current 1998 CBC, exposure B, 75 mph wind zone, and essential facility criteria, the wind forces are approximately the same as those of 1979 UBC. Due to the light-weight structural framing, seismic forces probably do not govern. Lodi is in Seismic Zone 3 which has reduced seismic forces.
2. The combined East-West lateral force resisting systems are not compatible with each other. Perimeter elements are CMU shear walls while the interior elements are steel moment frames. Differential movements will occur. Horizontal "X" braces form the roof diaphragm and distribute the wind/seismic forces to resisting elements. All of the force will initially be attracted to the stiffer CMU walls. The horizontal roof diagonals were probably not designed for that force level. Generally, they are designed for a tributary area of one half the end bay width.
3. Because the perimeter CMU shear walls have an aspect ratio (H/W) of 4 to 1, the demand on the footing to resist lateral force is amplified. The 16" wide footing with #4 top and bottom is not adequate.
4. Full height CMU walls are braced out-of-plane by 3-1/2" diameter equally spaced bolts, a steel column, a transverse beam, and light gage purlins. The load path to resist the out-of-plane lateral forces is not adequate.
5. The full height CMU walls were part of the design build requirements, therefore the actual vertical, horizontal and marginal reinforcing is unknown. The minimum specified on the drawings, if used, is inadequate. Current detailing requirements now include

hooked bars, additional reinforcing at embedded anchors, etc..

6. The lateral force transfer connection of full height CMU walls to the structural steel is by eccentrically loaded embedded plates. This type of connection has historically not performed well for lateral forces. This is further exacerbated by the vertical loads being eccentric.
7. The tower structure is of poor design by today's standards. The moment frame connections are sub-standard; force distributing horizontal diagram are missing; secondary members collect and retain water. Many of the primary and secondary members are severely corroded and can no longer carry design forces.
8. The slab-on-grade is in surprisingly good condition for a four inch thick slab with welded wire mesh for reinforcement.
9. Low CMU retaining walls show no signs of distress. The inside of these walls are furred and not visible. Therefore, the presence of any water infiltration could not be observed.
10. No obvious footing or slab differential settlement was observed.
11. Ceiling level water damage was observed in several locations indicating roof leaking. Structural deterioration (corrosion) is a concern with repeated and prolonged exposure to water.

Conclusions and Recommendations:

The following conclusions and recommendations are based upon the foregoing observations.

1. Any future addition must be structurally separate from the existing building. Modifications to the existing building can not add any projected area nor add mass (weight) without having to re-analyzing the entire structure. The original steel frame manufacturer would need to be contacted for the existing drawings and computations. If these were not available, an extensive testing and survey program would be required.
2. While the main building could possibly meet current essential facility force requirements, seismic detailing requirements have changed significantly in recent codes and these new requirements most likely have not been met in the current design. Notwithstanding this, overall seismic performance is expected to be fair to good (except the tower). The performance of the CMU is expected to be poor to fair.
3. The existing facility has resisted lateral forces without apparent distress up to this date. The actual wind and seismic forces resisted by the buildings are unknown but were probably much less than the code design forces. The code maximum force, or greater, could occur at any time, however. Therefore, during any remodeling of the main building, the lateral force resisting system should be reevaluated and modified to reflect current design practices for an essential facility. This may include adding vertical and

horizontal braces, strengthening footings, removing CMU walls, etc.. Unfortunately, the full height CMU walls, mentioned above, are located at the equipment doorways. If the CMU walls perform poorly, as expected, the roll-up doors may be damaged, trapping the equipment inside at a time when they are needed the most. Therefore, this area should be investigated and modified regardless of a future remodel or addition.

4. The tower should be demolished.
5. Water infiltration and condensation issues need to be addressed.
6. The structural and light gage steel framing is in good condition (except the tower). If remodeling is not the selected option and a new structure is to be built, the existing steel could be dismantled and reused elsewhere.

Documents:

The drawings furnished to us for the review include:

1. Preszler/Bishop Architects - A, C.1, 1-14, P1-2, M1-2, E1-4, L2, R1 dated July 9, 1980
2. George Miers & Associates - option "B" dated March 11, 2002

Limitations:

Our services consist of providing professional opinions, conclusions, and recommendations made in accordance with generally accepted structural engineering principles and practices. This warranty is in lieu of all other warranties either expressed or implied.

Ron Vogel, S.E., Inc.
April, 2002

Fire Station #2 - Building Evaluation

1.0 PURPOSE OF THE STUDY

George Miers and Associates (GMA) was requested by the City to evaluate the existing Fire Station #2 facility located at 705 East Lodi Avenue in Lodi California, in order to determine 1) its existing condition relative to today's Life Safety and Essential Facility codes, 2) its condition relative to existing building systems (HVAC, plumbing, electrical, etc.) and their long term maintenance implications, and 3) the feasibility of remodeling the facility to meet both existing codes and current Fire Department program needs. Since the City has recently completed construction of Fire Station #4, it was requested that the existing Fire Station #2 facility be evaluated relative to accommodating Fire Station #4's program components.

2.0 SUMMARY RECOMMENDATIONS (See 9.0 for detailed recommendations)

The existing Fire Station #2 facility does not meet essential facility standards and contains numerous building deficiencies which could severely curtail fire fighting capabilities during a major earthquake. In addition, many of the facility's building systems such as the mechanical system have reached the end of their useful life cycle and need replacement. As a result, it is imperative that significant upgrades to the facility be undertaken as soon as possible. Based upon this assessment, we believe there are three (3) possible options for correcting these deficiencies:

Option #1 – Renovate As Is. Accept the existing Fire Station #2 facility in its current configuration with no internal plan changes and no building additions. The result would be a seismically upgraded 1982 plan which does not meet current Department needs.

Option #2 - Proceed with the preferred renovation plan as described herein. Renovate and reconfigure the floor plan and add additions to the building in order to create a plan commensurate with new fire station designs throughout the County. See attached Scheme A.

Option #3 – Similar to Option #2, but demolish the existing building and construct a completely new facility similar to Fire Station #4

As described in greater detail under 9.0 Recommendations, we believe Option 3 offers the City of Lodi the best opportunity to provide state-of-the-art fire protection capabilities to the community over the next fifty years. We also believe it may be the most cost effective solution over the long run both in terms of "hard" construction cost and long term operation costs. While Option 1 would improve the facility's safety by bringing it up to current life safety requirements, it would not improve the functionality of the facility which is sorely deficient when compared to current Fire Station designs throughout the Country. In essence, this option would result in a significant expenditure of public funds only to end up with an upgraded but obsolete Fire Station design. Option 2 would provide both a seismic and life safety upgrade of the existing building along with a significantly improved functional plan through the reconfiguration of the plan and building additions. However, after studying many design options utilizing building additions and internally reconfigured rooms, we feel that the costs for such a scheme (including the preferred Scheme A) exceed that of new construction while not providing as good a layout due to the difficult design constraints presented by the site and existing layout. **For the above reasons we feel that Option #3 presents the best alternative for the City.**

3.0 METHODOLOGY

In order to perform this evaluation, GMA retained the services of structural, mechanical and electrical engineers experienced with Fire Station and Essential Facility design to evaluate the existing facility. Summary reports from these engineers are included herein. GMA then met with Fire Department personnel in order to determine their needs. These program needs are noted below. Once these needs are established, GMA prepared a series of floor plan studies to test whether the criteria could be satisfied on site. Since the Fire Department's program criteria required a different dormitory design with greater staff accommodations, it became necessary to look at the feasibility of adding onto the existing facility. While a number of studies were prepared, two preferred options were selected, which are included herein as options 1 and 2. These are described further on under **6.0 Program Studies**. Once the preferred schemes were established each engineering consultant reviewed the plan relative to their discipline and an evaluation was made as to the practical and economic benefits of a renovated vs. new construction approach.

4.0 FIRE STATION #2 GENERAL BUILDING DESCRIPTION

Fire Station #2 was constructed in 1980-1981 and features a one-story, slab-on-grade, pre-engineered, steel structure with exterior metal siding. At the time of construction the structure was classified as Type V, non-rated with a B-2 occupancy. The building consists of a \pm 15.5 to 16.5 foot high, drive-through, central apparatus bay which can house up to four fire trucks, with a **residential wing** to the west and a **service wing** to the east. The **residential wing** consists of 1) a kitchen/dining/lounge area, 2) a multiple fixture restroom with shower (there is only one restroom which needs to satisfy both male and female personnel), 3) a 9 bed dormitory which consists of one large room with a central partial height "closet" divider, and 4) a small public reception office, which is oriented towards East Lodi Avenue. The **east service wing** consists of 1) a multi-purpose shop/mechanical room which currently houses the facility's laundry (appliances and sink) as well as the main electrical equipment, 2) a small exercise room, 3) a small hose storage area and 4) a 40' high tower for hanging fire hoses. The facility is approximately 6,070 SF (not including the three levels of stairs within the Tower) and the site is approximately 43,833 SF or 1 acre. Staff and fire truck access is provided by a 20' wide secure access road located along the west side of the property. This road accesses a large asphalt parking area at the rear of the property, which provides for staff parking, fire truck turn-around and general equipment/vehicle storage. Public access to the office located in the west wing is provided off of East Lodi Avenue adjacent to the fire truck driveway. As noted above, the building exterior features mostly metal "rib" siding with split faced concrete block around the four automatic apparatus bay doors (2 each side). The exterior design also features landscape berms, which are located directly up against the building on the south and west sides.

5.0 EXISTING BUILDING DEFICIENCIES

We believe the single most important issue concerning this facility is that **it does not meet Essential Facility standards relative to seismic resistance - a significant requirement for all public safety facilities.** (See Structural Summary Report). In addition, as pointed out in the Mechanical and Electrical reports, the facility also fails to meet basic Life Safety criteria as it contains neither a fire (sprinkler) suppression system nor smoke detectors. In general, we believe it is fair to say that the existing facility as a whole was neither designed for longevity nor Essential Facility standards. As described in the Structural report the basic structure was developed as a Design-Build, light-weight, steel structure - a system which is adequate for certain types of uses like storage or light industrial/office uses but not an Essential Facility. The Tower, in particular, was poorly conceived structurally and poses a serious Life Safety hazard in a moderate to heavy earthquake. It is also leaking. This structure should be demolished as it is no longer functional. In regards to the building's HVAC, the system is at the end of its useful life and any renovation plans would need to include replacement of the HVAC units. (See Mechanical Summary report).

Functionally the building's design presents a number of problems which need immediate attention if the facility is to continue functioning as a 21st Century Fire Station. These include;

- 1) Restrooms and dormitories are not designed to accommodate both male and female fire fighters and, hence, need to be reconfigured
- 2) There is no public restroom.
- 3) Dormitories are inadequate relative to closet space, air movement (rags are placed in ceiling grills to deflect air), and electrical convenience outlets (see photographs for extensive use of extension chords).
- 4) The Exercise Room is too small for today's exercise equipment.
- 5) Fire fighting Equipment Storage is inadequate.
- 6) Kitchen and eating areas are not adequate for the needs of a three-shift facility.

In regards to the more cosmetic aspects of the building, the photographs on the following pages perhaps best illustrate the facilities condition and need for remodeling. Problems include;

- Bathroom fixtures and finishes are deteriorating.
- Cracks exist in the Main Apparatus Bay slab.
- Ponding exists at the Apparatus Bay drains and the parking lot floods about four months per year.
- Rusting of metal throughout the facility including vents, doors, restroom partitions, etc.
- Metal siding and drain spouts are dented in numerous areas.
- Dormitory ceiling is leaking and a portion of the ceiling needs replacement. (Source of leak was not determined).
- Corners of windows are leaking.
- Most finishes such as painted walls, flooring, etc., need upgrading or replacement.

6.0 PROGRAM NEEDS and CRITERIA

Fire Department program requirements include the following key components;

- 1) The building must meet Essential Facility Standards and be "functional" following a major earthquake.
- 2) The building must meet Life Safety Standards including the installation of a fire suppression system (fire sprinklers), smoke detection in dormitories and emergency power.
- 3) Dormitory facilities should be modeled after Fire Station #4 and include five dormitory rooms, housing three murphy beds, with associated closet space. The importance of three beds is that it accommodates the three-shift system and allows each fire fighter to have his/her own bed and room. The use of murphy - beds is an efficient and economical way of accomplishing this.

- 4) Restrooms should be individualized with one provided for at least two dormitories.
- 5) Kitchen facility should be modernized with facilities provided to accommodate each shift.
- 6) Laundry facilities should be provided on the dormitory side of the Apparatus Bay.
- 7) Increased storage for equipment is needed commensurate with Fire Station #4. This would include a Turn-out room for fire fighter's gear, a Decon Room, a separate Equipment Room and dedicated Electrical and Telephone Equipment Rooms.
- 8) An increased Exercise Room commensurate with Fire Station #4.
- 9) A small Classroom/Meeting Room.
- 10) Public office with ADA accessible restrooms.

7.0 PROGRAM DESIGN STUDIES

Based upon the above program needs, a series of floor plan studies were developed to see if the existing facility could be renovated to accommodate the above requirements. Scheme A included herein illustrates the Fire Department's preferred scheme which includes an addition to the west dormitory wing as well as demolition of the Tower. This scheme includes a 520 SF Exercise Room addition in place of the Tower. In regards to the Dormitory wing, the approach has been to convert the existing single room dormitory into three individual dormitory rooms, each equipped with three murphy beds. While this design works in plan, it minimizes window area allowing only clerestories over the required closets. An addition is then added which includes the two additional dormitory rooms (5 total) plus restrooms and the small classroom. Due to existing site constraints, the only feasible site area into which the addition could be located is to the north and west. However, in order to accomplish this, it is necessary to abandon the existing west access road and reconstruct it on the east. Once this decision was made, it also seemed logical to expand the living/dining area and extra patio towards the west as well. In all schemes studied, the Apparatus Bay remains as is.

8.0 RENOVATION/ADDITION vs. NEW CONSTRUCTION

Once a preferred option was selected, the question was raised as to whether the combination of seismic upgrade, building system's upgrades, building additions and site work relative to any of the designs would cost more or less than starting from scratch with a new facility. While this is difficult to confirm without actually developing a more detailed design for the preferred option, we believe that the extent of work required to fully upgrade the building and meet current Fire Department requirements would be very close and possibly even higher than demolition of the existing facility and construction of a new facility. This opinion is based upon several factors. First, given the cost of Fire Station #4 which was bid during a much less favorable bidding climate than today, we would anticipate at least as competitive a cost. In addition, site work should be less since utilities already are provided and this site does not have to add an emergency generator for a City owned well such as was provided for at the Fire Station #4 site. Second, the preferred option scheme not only would require a complete seismic upgrade, new fire sprinklers and life safety systems as well as a new HVAC system but the required additions, each would need to be seismically separated from the main building which adds even greater cost to the addition. (See Structural Report). Also, an elaborate and costly structural testing program would most likely be required due to the absence of existing structural drawings which are needed to verify design criteria. The net result is that the three small additions would actually be more expensive than typical new construction. When the higher new construction cost of the addition is added to the renovation costs of the existing building along with the need to relocate the service access road, it seems clear that the overall construction cost would rival an all new construction approach. In either option, fire fighting personnel need to be relocated off site.

9.0 RECOMMENDATIONS

As noted in our summary recommendations, we believe there are three (3) options available to the City of Lodi. These include:

Option #1 – Renovate As Is. Accept the existing Fire Station #2 facility in its current configuration with no internal plan changes and no building additions. Under this scenario we would strongly recommend that at a minimum the building be brought up to current Essential Facility Standards and that a full Life Safety Program be implemented including fire sprinklers and smoke detectors. We also believe it would make sense at this time to upgrade the HVAC system and remodel the facility in terms of the cosmetic issues described herein. In addition, the Tower should be demolished. This scenario would result in an upgraded version of the original 1980-1981 design which meets current seismic and Life Safety codes. It would not, however, address current Fire Department program requirements including the needs of male/female fire fighters. Thus, the City could be looking at spending upwards of \$500-\$700,000 and ending up with a programmatically obsolete plan. We, therefore, do not recommend this option.

Option #2 - Proceed with the preferred renovation plan as described herein. Renovate and reconfigure the floor plan and add additions to the building in order to create a plan commensurate with new fire station designs throughout the County. See attached Scheme A.

Option #3 - Demolish the existing building and construct a new facility similar to Fire Station #4. See attached plan – Scheme B.

While additional study would be needed to better estimate the actual cost difference between Options 2 and 3, our professional opinion is that Option 3 would result in the best overall facility for the dollars expended and would very likely be close to the cost of Option #2. **We, therefore, recommend that the City either proceed with Option #3 or authorize a more detailed study to better estimate the cost difference between the two.**

10.0 ENGINEERING REPORTS

Detailed structural, Mechanical, and Electrical reports are included herein under their respective headings. While each report should be read in its entirety, we would like to call particular attention to the following comments which we feel illustrate the extent of modifications needed in order to bring the facility up to today's standards:

Structural Report

- "The combined East-West lateral force resisting systems are **not compatible** with each other."
- "The 16" wide footing with #4 top and bottom is **not adequate**."
- "The load path to resist the out-of-plane lateral forces is **not adequate**."
- "The tower structure is of **poor design by today's standards**. The moment frame connections are sub-standard; force distributing horizontal diagrams are missing; secondary members collect and retain water. Many of the primary and secondary members are severely corroded and can no longer carry design forces."
- "Unfortunately, the full height CMU walls, mentioned above, are located at the equipment doorways. If the CMU walls perform poorly, as expected, **the roll-up doors may be damaged, trapping the equipment inside at a time when they are needed the most.**

Therefore, this area should be investigated and modified regardless of a future remodel or addition."

Mechanical Report

- "The useful life of a split system HVAC (the system in Fire Station #2) is between 15-20 years. **The equipment has outlived this period of time.**"

Electrical Report

- "The existing electrical service is only 400 amp, single phase and may not support any significant expansion. Furthermore, a single phase service cannot support the more energy efficient motors since those motors are generally three phase. Finally, a single phase service ultimately consumes more energy by using inefficient single phase motors and results in higher utility bills to the owner."
- "The automatic transfer switch is a vintage 1980 and has been out of production for over 15 years. **Parts are no longer available.** The buzzing noise indicates the age of the automatic transfer switch and may be on the verge of failing. We feel that the automatic transfer switch should be replaced at this time."

PUBLIC UTILITIES

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2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Engineering
REQUEST TITLE: Water System Capital Maintenance

Project Description

This Project consists of major replacements, repairs and /or upgrades of water mains, wells and other system components.

Project Objectives

Maintain reliability and efficiency of water delivery and the ability to provide clean water at the pressure and quantity desired by customers.

Existing Situation

The City's water system is reaching an age in which the older lines (mainly in the eastside of the City) need to be replaced. Many of the older mains lack the capacity for present day demands. A replacement program and corresponding rate increase was approved by the City Council in 2001. The elevated water tank in the downtown area is in need of repainting. An optional allowance of \$12,000 has been included to add a logo feature on two sides of the tank.

Project Work Completed

The City completed the first of many projects to replace the older water mains in February of 2003. The second project is currently in the design phase and will bid during the spring of 2003. Additional projects are planned throughout the duration of this budget cycle. System relocations include minor work associated with moving existing facilities in order to construct other City projects.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Miscellaneous System Relocations		\$ 25,000	\$ 25,000	\$ 25,000	\$ 25,000	\$ 100,000
Miscellaneous Main Replacements		\$1,384,000	\$ 1,400,000	\$1,200,000	\$1,200,000	\$ 5,184,000
Water Service Taps		\$ 40,000	\$ 40,000	\$ 40,000	\$ 40,000	\$ 160,000
Standby Generators		\$	\$	\$ 110,000		\$ 110,000
Well Replacements (Well 10C on Guild Ave.)	\$175,000		\$ 175,000			\$ 175,000
Repaint Elevated Water Tank		\$ 66,000				\$ 66,000
TOTAL		\$1,515,000	\$ 1,640,000	\$1,375,000	\$1,265,000	\$ 5,795,000
Recommended Funding Sources						
Water Capital Outlay Fund		\$1,515,000	\$1,640,000	\$1,375,000	\$1,265,000	\$5,795,000
Unfunded		\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL		\$1,515,000	\$1,640,000	\$1,375,000	\$1,265,000	\$5,795,000

Project Effect on Operating Budget: Reduced operation and maintenance costs for the rehabilitated water mains.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Engineering

REQUEST TITLE: Water System Capital Expansion Projects

Project Description

These projects include new water supply, transmission facilities and storage projects to meet demands of new development and to mitigate groundwater overdraft. Elements of this expansion program begin the phased implementation of a new program to secure surface water entitlements to augment groundwater resources. Initially, we plan to perform design studies to set alternatives and evaluate the feasibility of implementing a water conservation program and a groundwater enhancement program to reduce net consumptive use of the existing groundwater resource.

Project Objectives

Maintain reliability of water supply and the ability to deliver clean water to the City's customers.

Existing Situation

Groundwater is the only water source utilized by the City and the groundwater basin is in an over draft condition. Recent legislation has established statewide requirement for assuring adequate water supplies exist to serve the demands presented by new development.

Project Work Completed

The City has worked for several years developing strategies for groundwater basin management and groundwater banking in cooperation with other agencies in the county. The City has recently joined the partnership fostering the Mokelumne River Water and Power Authority Project. Recently, work has begun on studies of the options for utilization of surface water supplies, including treatment and direct use of groundwater recharge.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Surface Water Program						
Study	\$ 90,000	\$ 25,000	\$ 75,000			\$ 100,000
Design			\$ 500,000			\$ 500,000
Acquisition		\$ 600,000	\$ 1,200,000	\$ 1,200,000	\$ 1,200,000	\$ 4,200,000
Construction of Treatment & Injection Facilities				\$ 2,250,000	\$ 2,250,000	\$ 4,500,000
* Transmission Facilities			\$ 210,000	\$ 85,000		\$ 295,000
* Well #27 (at Electric Substation Site west of Kettleman)		\$ 325,000				\$ 325,000
* Well #28 (DeBenedetti Park)			\$ 325,000			\$ 325,000
* Well Standby Generator			\$ 110,000			\$ 110,000
1 MG Storage Tank & Booster Pump Station				\$ 1,200,000		\$ 1,200,000
TOTAL		\$ 950,000	\$ 2,420,000	\$ 4,735,000	\$ 3,450,000	\$ 11,555,000
Recommended Funding Sources						
Water Capital Outlay		\$ 625,000	\$ 1,775,000	\$ 3,450,000	\$ 3,450,000	\$ 9,300,000
Impact Mitigation Fees *		\$ 325,000	\$ 645,000	\$ 1,285,000		\$ 2,255,000
TOTAL		\$ 950,000	\$ 2,420,000	\$ 4,735,000	\$ 3,450,000	\$ 11,555,000

Project Effect on Operating Budget: Increased costs for pumping water to new customers.

2003-2005 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works - Water/Wastewater Division
REQUEST TITLE: Trailer-Mounted Vacuum System

Project Description

Purchase a new 4" trailer-mounted vacuum system.

Project Objectives

1. Purchase a trailer-mounted vacuum system to effectively clean out sand, rocks, and other debris from over 4,328 water valve boxes and 1,500 meter boxes throughout the City that prevent crews from turning off water mains during emergencies and day-to-day maintenance.
2. This unit will be used extensively on the ongoing East Side project (next 10 to 15 years) for potholing on water and sewer mains and service locations. It will also be useful in emergency situations where a water or sewer main or a fire hydrant has been broken and an underground service alert is not possible to obtain before digging.
3. Make excavation around broken water and sewer mains safer, quicker and more efficient. If this unit is not purchased, City Crews will need to continue to call the sewer hydro-cleaner away from its day to day maintenance.

Existing Situation

Many water valve boxes ranging in depth in the ground from a few feet to 12 feet are filled with water and debris (dirt, rocks, sticks, bricks, etc.) which make operation of them impossible. Currently, they must be hand cleaned, if possible, or the sewer hydrocleaner must be called out, or the valve has to be dug up, which requires jackhammering out concrete around the valve assembly and requiring asphalt to be replaced.

Schedule and Project Costs

	Prior Budgets	2002-03	2003-04	2004-05	Project Total
Phasing					
Study					
Design					
Acquisition			\$43,430		\$43,430
Construction					
Total			\$43,430		\$43,430
Recommended Funding Sources					
Capital Outlay Fund					
Electric Utility Fund					
Water Fund (50%)			\$21,715		\$21,715
Wastewater Fund (50%)			\$21,715		\$21,715
Total			\$43,430		\$43,430

Alternatives

1. Postpone purchase.

Project Effect on Operating Budget

This unit would decrease damage to other utilities in emergency situations, and would also reduce water and sewer main repair time. This unit, combined with a valve turning program, would decrease the time it takes for emergency and nonemergency main line shut downs, decrease sewer spill cleanup times, reduce water waste from broken water mains, and reduce the amount of sewage entering the storm system from overflowing manholes and broken sewer mains.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Wastewater Utility
REQUEST TITLE: White Slough Headwork Sluice Gate

Project Description

Replace one of the existing headwork's manual sluice gates.

Project Objectives

Replacement of existing manual sluice gate damaged by corrosion.

Existing Situation

Of the existing two main sluice gates one unit is in need of immediate replacement. The corrosive atmosphere has damaged this gate and made it inoperable. Installation shall be by others.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition		\$10,000				\$10,000
Construction		5,000				5,000
Total		\$15,000				\$15,000
Recommended Funding Sources						
Capital Outlay Fund						
Enterprise Funds (Wastewater)		\$15,000				\$15,000
Total		\$15,000				\$15,000

Alternatives

1. Do nothing until replacement is critical, which will increase the replacement cost when the project becomes an emergency.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Wastewater Utility
REQUEST TITLE: White Slough Water Pollution Control Facility – Professional Services

Project Description

Funding is requested for professional services required at White Slough to develop and implement a Mercury Source Reduction Public Outreach Program.

Project Objectives

To meet a mandated mercury source reduction program as required by the National Pollutant Discharge Elimination System Permit.(NPDES)

Existing Situation

The Facilities current permit implemented January 2000, required that a mercury reduction workplan be developed. The initial portion of the requirement involved background monitoring of the mercury levels from the commercial and industrial dischargers to the City's sewer system. This portion was recently completed by City staff. The remaining portion of the workplan is a comprehensive public outreach program. The requested funding will be used to retain our current consultant to develop and implement this required program.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study		\$40,000				\$40,000
Design						
Acquisition						
Construction						
Total		\$40,000				\$40,000
Recommended Funding Sources						
Capital Outlay Fund						
Enterprise Funds (Wastewater)		\$40,000				\$40,000
Total		\$40,000				\$40,000

Alternatives

Do nothing, which would place us in violation of permit requirements and subject to fines.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Wastewater Utility
REQUEST TITLE: White Slough Primary Sedimentation Tank Repairs

Project Description

Replace existing troughs in two of the primary sedimentation tanks.

Project Objectives

Replacement of the damaged existing fiberglass troughs. Installation work to be done by White Slough personnel.

Existing Situation

Stress fractures have developed in the support bracket area of the troughs in #4 Primary Tank. Repairs have been made to maintain use but the troughs need replaced before further damage results in loss of use. The troughs in #5 Primary Tank are also exhibiting stress signs and are being schedule for replacement in the 2004/05 Budget year.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition		\$15,000	\$15,000			\$30,000
Construction						
Total		\$15,000	\$15,000			\$30,000
Recommended Funding Sources						
Capital Outlay Fund						
Enterprise Funds (Wastewater)		\$15,000	\$15,000			\$30,000
Total		\$15,000	\$15,000			\$30,000

Alternatives

Do nothing and use existing units until they fail completely.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Wastewater Utility
REQUEST TITLE: White Slough Telephone Systems Upgrade

Project Description

Upgrade of the White Slough mini PBX and upgrade the transmission line to T1 service.

Project Objectives

Upgrade of telephone system. To upgrade the White Slough mini PBX, in order to improve function of phone system. Project requires installation of an 11c mini PBX (est. cost \$34,000.00).

Transmission line upgrade. To improve data transmission capabilities, a T1 line will be installed and data-network equipment will be upgraded (est. cost \$8,000.00)

Existing Situation

The current phone lines to the facility do not support T1 capabilities. To improve transmission of data a new line will need to be extended to the facility. The current line has been repaired through the years which contributes to its reduced capabilities. The internal upgrades are necessary to support the upgraded data transmission. The existing system was designed and sized based on the lines capabilities at that time. To take full advantage of the T1 capabilities both portions need to be upgraded. Future installation of a SCADA system at the Facility will be enhanced by this upgrade. This submittal was developed with input from Information Services.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition		\$42,000				\$42,000
Construction						
Total		\$42,000				\$42,000
Recommended Funding Sources						
Capital Outlay Fund						
Enterprise Funds (Wastewater)		\$42,000				\$42,000
Total		\$42,000				\$42,000

Alternatives

Continue with current level of telephone system enduring reduced level of service and capabilities.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Wastewater Utility
REQUEST TITLE: White Slough Laboratory Ceiling Tile and Light Fixture Replacement

Project Description

Replace the existing ceiling tile with drop ceiling acoustic tile.

Project Objectives

Replacement of the existing tile, which are unrepairable and in need of replacement to ensure the laboratory staff have an improved work environment.

Existing Situation

The current ceiling tile was installed in 1966 as part of the original plant construction. It has endured well until recent years when leaks in the roof allowed moisture to damage the tiles integrity. The tile is an interlocking spline construction, which makes repairs impossible. Because of this its replacement is the only feasible alternative. Due to the method the lights are suspended with the old ceiling tiles, replacement of the light fixtures is also necessary. Energy efficient lighting fixtures will be explored. Due to these energy-efficiency improvements, these lights will qualify for a 25% rebate under the Electric Utility Department's Public Benefits Program.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$15,000				\$15,000
Total		\$15,000				\$15,000
Recommended Funding Sources						
Capital Outlay Fund						
Enterprise Funds (Wastewater)(75%)		\$11,250				\$11,250
Public Benefits Program (25%)		\$ 3,750				\$ 3,750
Total		\$15,000				\$15,000

Alternatives

Do nothing and endure further ceiling deterioration.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Wastewater Utility
REQUEST TITLE: White Slough Water Pollution Control Facility Improvement Projects

Project Description

Major projects related to facility improvements and design.

Project Objectives

Maintain reliability and efficiency of wastewater treatment facilities and design long-range improvements.

Existing Situation

The City's current wastewater discharge permit includes many requirements, which must be met in the coming years. To accomplish this, our consultant is developing interim and long-range facility improvements. Also included is funding for ongoing facility maintenance projects.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	Project Total
Roadway Improvements (CM)		\$ 30,000	\$ 30,000		\$ 60,000
Digester Cleaning		55,000	55,000		110,000
► WSWPCF Phase I Pre-Design	454,000				
► Interim Aeration Facility Improvements	140,000				
► Construct Aeration Facility Improvements		3,000,000			3,000,000
► Design Tertiary Filtration & UV Improvements	555,000				
► Construct Filtration & UV		15,000,000			15,000,000
► Land Acquisition				5,000,000	5,000,000
► Wetland Construction				6,000,000	6,000,000
► Ground Water Monitoring	35,000				
► Alternative Waste Discharge Permit	70,000				
Irrigation System Expansion		280,000	280,000		560,000
► Total		\$18,365,000	\$365,000	\$11,000,000	\$29,730,000

- On going project from previous budget years.
- Budgeted Contingency split between these projects.
- Estimated cost. Actual cost will be determined when design work completed.
- Major Capital items are still in design and costs are approximate.

Notes: Funding from Wastewater Capital Outlay Funds, 17.2

Major facility upgrades to be financed with either COP's or State Revolving Fund loans.

(CM) means Capital Maintenance Project account automatically appropriated with budget.

Alternatives

For slight reductions, roadway and digester cleaning projects can be deferred.

**2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Roof Replacement at White Slough Water Pollution Control Facility,
Boiler/Influent Pumping Control Building

Project Description

Replace the roof at the White Slough Wastewater Treatment Plant Boiler/Influent Pumping Control Building.

Project Objectives

Replace the existing thirty-six-year-old roof with new built-up or single-ply systems.

Existing Situation

The roof on the Boiler/Influent Pumping Control Building was installed when the facility at the White Slough Wastewater Treatment Plant was constructed in 1967. The roof has had varying amounts of maintenance and repair work done on it since then, but has not been replaced.

The Citywide roof survey identified this roof as a candidate for priority replacement. It has exceeded its useful life and is leaking, even through an increasing number of annual repairs and patches. It is becoming unreliable and needs immediate attention. The attached roof plan indicates the approximate 1,500 square feet of roof that needs replacing in 2003/04.

Schedule and Project Costs

	Prior Budgets	2003/04	2004/05	2005/06	2006/07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$15,000				\$15,000
Total		\$15,000				\$15,000
Recommended Funding Sources						
Wastewater Fund		\$15,000				\$15,000
Total		\$15,000				\$15,000
GRAND TOTAL		\$15,000				\$15,000

Alternatives

1. Incur ever-mounting repair costs and loss of reliability by failing to replace this roof. Delaying its replacement further jeopardizes the contents of the building it should be protecting.

Project Effect on Operating Budget

1. Eliminate costly maintenance expenses for this aging roof.
2. Reduce leaks and potential damage to equipment.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Engineering
REQUEST TITLE: Storm Drainage System Expansion Projects

Project Description

As the City develops, new storm drainage facilities must be constructed. These facilities include drainage pipes, basin inlet structures, and pump stations and controls that are required to serve new development. To assure that facilities design provides the standard level of storm drainage service, preparation of a hydrologic model for the expansions areas is recommended. Staff services primarily be used in preparation of the hydrologic model.

Project Objectives

Construct storm drainage facilities required to expand service to new development areas.

Existing Situation

Storm drainage services are provided to the City via a system of collection pipes, storage basins and discharge pump stations. Terminal drainage is provided by the Mokelumne River and the Woodbridge Irrigation District main canal. Additional facilities will be required to provide storm drainage service to new development proposed within the City's service area. Presently, facilities design is guided by the 1964 Storm Drainage Master Plan.

Project Work Completed

Storm drainage improvements required to serve Westside Facilities Master Plan area has been completed. Implementation of those facilities is expected during the next budget period. Master facilities planning for the areas located south of Kettleman Lane and west of Lower Sacramento Road is required. Three basins are integral to providing storm drainage services to these arease. Currently, the final design for Basin G and its associated storm drain facilities is underway. Preliminary design work for the Basin F facilities has been completed. Master planning for the Basin I facilities is required to assure service is available upon demand.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Design:						
System Hydrology Model		\$ 45,000	-			\$ 45,000
Tienda Drive (Vintner's Square)		\$136,000				\$ 136,000
G-Basin Excavation		\$ 0				\$ 0
G-Basin Pump Station & Piping			\$797,000			\$ 797,000
F-Basin Acquisition			\$488,000	\$500,000	\$500,000	\$1,488,000
TOTAL		\$181,000	\$1,285,000	\$500,000	\$500,000	\$2,466,000
Recommended Funding Sources						
Impact Mitigation Fee		\$181,000	\$1,285,000	\$500,000	\$500,000	\$2,466,000
TOTAL						

Project Effect on Operating Budget: Additional operation and maintenance costs associated with the new facilities should be anticipated.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Engineering
REQUEST TITLE: Storm Drainage System Capital Maintenance

Project Description

Major replacements and upgrades to existing storm drainage pipes, basin inlet structures, and pump stations and controls to mitigate localized street flooding problems. Preparation of a hydrologic model of the existing B watershed area to assist in evaluating alternative mitigation measures for existing localized flooding.

Project Objectives

Maintain a comparable level of storm drainage services and structure flooding protection on a city-wide basis. Implement a program that addresses existing problems and systematically makes facility improvements to achieve the program objectives.

Existing Situation

Storm drainage services are provided to the City via a system of collection pipes, storage basins and discharge pump stations. Terminal drainage is provided by the Mokelumne River and the Woodbridge Irrigation District main canal. Localized street and structure flooding problems exist in the City.

Project Work Completed

A number of drainage improvements have been installed through the handicap ramp program wherein drop inlets at corners have been replaced by more efficient side inlet catch basins. Additionally, curb repairs and catch basin installations have implemented in conjunction with the sidewalk repair program. Significant storm drainage improvements have occurred along with recent major street construction projects such as Stockton Street, Lower Sacramento Road, Downtown Revitalization Project and the new Police Building.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
B Watershed Hydrology Model	\$35,000					\$ 0
Elm Street (Hutchins > Lee)		\$44,000				\$ 44,000
Main St./Lodi Avenue	\$35,000		\$55,000			\$ 55,000
Westwood Street (Lockeford > Lake)		\$82,000				\$ 82,000
Glaves Park Inlet Structure			\$20,000			\$ 20,000
Future, Unspecified Storm Drain Upgrades				\$100,000	\$100,000	\$200,000
Lodi Lake Pump Station Modifications			To Be Determined			
Remote-Actuated Slide Gate Installation (2)			\$30,000			\$ 30,000
TOTAL		\$126,000	\$105,000	\$100,000	\$100,000	\$431,000
Recommended Funding Sources						
Wastewater Capital Outlay		\$126,000	\$105,000	\$100,000	\$100,000	\$431,000

Project Effect on Operating Budget: Very minor reduction in callouts and time spent on storm drainage problems. Increase in electric and other maintenance costs for new and upgraded pumping facilities.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Engineering
REQUEST TITLE: Wastewater Collection System Capital Maintenance

Project Description

This Project consists of major replacements, repairs and /or upgrades of the wastewater collection system components.

Project Objectives

Maintain reliability and efficiency of wastewater collection facilities.

Existing Situation

The City's wastewater collection system is reaching an age in which the older lines (mainly in the eastside of the City) need to be rehabilitated or replaced. Many of the older pipes are constructed of terracotta clay or concrete and have reached their service life. Additionally, many of the pipes do not have the capacity for the present demand. A replacement program and corresponding rate increase was approved by the City Council in 2001.

Project Work Completed

The City completed the first of many projects to rehabilitate the older wastewater mains in February of 2003. The second project is currently in the design phase and will bid during the spring of 2003. Additional projects are planned throughout the duration of this budget cycle. System relocations include minor work associated with moving existing facilities in order to construct other City projects.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Miscellaneous System Relocations		\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 60,000
Miscellaneous Main Replacements		\$1,035,000	\$ 665,000	\$1,025,000	\$1,025,000	\$ 3,750,000
Miscellaneous Sewer Taps		\$	\$ 20,000	\$ 20,000	\$ 20,000	\$ 60,000
Domestic Outfall Long Term Maint. Program		\$ 50,000	\$	\$ 400,000	\$ 100,000	\$ 550,000
Total		\$1,100,000	\$ 700,000	\$1,460,000	\$1,160,000	\$ 4,420,000
Recommended Funding Sources						
Wastewater Capital Outlay Fund		\$1,100,000	\$ 700,000	\$1,460,000	\$1,160,000	\$4,420,000
Unfunded		\$ -	\$ -	\$ -	\$ -	\$ -
TOTAL		\$1,100,000	\$ 700,000	\$1,460,000	\$1,160,000	\$4,420,000

Project Effect on Operating Budget: Reduced operation and maintenance costs for the rehabilitated wastewater mains. However, if the corrosion control pilot study recommends an ongoing chemical addition program, the annual operational costs may range from \$50,000/yr. to \$150,000/yr.

CAPITAL IMPROVEMENT BUDGET REQUEST**ACTIVITY:** Electric Services**REQUEST TITLE:** Replace Electric Utility Data Server**PROJECT DESCRIPTION:** Replace Electric Utility Data Server #2 and associated two data backup tape drives.**PROJECT OBJECTIVES:** To provide sufficient system capacity reliability and capability to properly address:

- ✓ Long range needs of the Department
- ✓ System reliability (replaces an 5 year plus old server)
- ✓ Data storage and backup functions
- ✓ Expanded needs for geographical information systems (GIS)
- ✓ Mapping system graphic user interface
- ✓ SCADA graphic and data information

EXISTING SITUATION: The existing Data Server has been in continuous operation over the past five plus years, which is nearing the equipment's life expectancy. With increased server traffic from additional Autocad, SCADA and GIS graphical information; there exists an increased dependency on the Electric Utility server and network reliability. The server equipment and it's reliability is a lifeline to the operation of the Department.

SCHEDULE AND PROJECT COSTS

	2003-2004	2004-2005	Project Total
Phasing			
Study			
Design			
Acquisition	-0-	\$12,000.	\$12,000.
Construction			
Total			

2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

Recommended Funding Sources

Capital Outlay Fund

ALTERNATIVES: Do nothing: continue to operate with existing server equipment (not recommended). The Department will not have the necessary reliability or capacity necessary to operate effectively and efficiently. The existing tape and server equipment will be nearing their useful life expectancy and capacity during this budget cycle.

FINANCE 2003-2005

IMPLEMENTATION: Upon approval procurement and initiation will be completed in the 2004-05 Fiscal Year.

CAPITAL IMPROVEMENT BUDGET REQUEST**ACTIVITY:** Electric Construction and Maintenance.**REQUEST TITLE:** Purchase Overhead Line Puller/Tensioner (New)**PROJECT DESCRIPTION**

Purchase an overhead line puller/tensioner and increase the Electric Utility fleet by one line puller/tensioner.

PROJECT OBJECTIVES

To have the necessary line puller/tensioner equipment available to perform the task of installing new overhead primary wire while the existing primary remains energized. This equipment will bring the Electric Utility in compliance with CAL/OSHA Rule #2941(I). This line puller/tensioner will enable the line crews to keep a steady tension. This will keep the new wire from bouncing and sagging into secondary when pulling in between the energized lines making re-conductoring the overhead lines safer for the line crews. Also this equipment will enable the line crews to keep customers energized for a longer period of time. It is essential to have the necessary equipment available to perform related tasks in the safest and most efficient manner possible.

EXISTING SITUATION

Overhead primary is now pulled in by the use of a three reel wire trailer and/or a single reel wire trailer. Both of these trailers have inferior braking systems. That will allow bouncing and sagging when pulling in new wire, with the old wire being energized. This is not a safe working practice. In the past the overhead line would be de-energized causing an inconvenience to the customers, with an all day outage. This line puller/tensioner will have the capability to allow a steady breaking pressure to avoid bouncing and sagging when pulling in new wire, while the existing primary remains energized with no inconvenience to the customers. Thus saving crew time, increasing production of line crews and working safer. In this time of rising costs and competition it is essential to implement cost savings whenever possible. Also to have the safest working conditions possible for the employees.

SCHEDULE AND PROJECT COSTS

	2003-2004	2004-2005	Project Total
Phasing			
Study			
Design			
Acquisition	\$80,000.		\$80,000.
Construction			
Total	\$80,000.		\$80,000.
Recommended Funding Sources			
Capital Outlay Fund			

ALTERNATIVES

Continue to pull wire with the two wire trailers (not recommended) or rent equipment, if available.

**FINANCE 2003-2005
IMPLEMENTATION**

Upon approval, purchase in 2003-2004 Fiscal Year.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Electric Utility, Construction and Maintenance
REQUEST TITLE: Line Extensions - Service Connections - Substructures - Revenue Metering

PROJECT DESCRIPTION

This project provides for extensions of existing facilities to serve new electrical loads in subdivisions and developments for all customer classes including associated revenue metering facilities. Work will be done by Department personnel as part of the Capital Maintenance expenditure program.

PROJECT OBJECTIVES

- Extend existing distribution facilities to serve new loads as they develop within subdivisions and developments.
- Connect customer service entrance facilities to the City's electric distribution system.
- Install substructures (vaults, conduits, etc.) to accommodate the distribution facilities indicated above. The developer has the option of contracting for this element with the City (City is reimbursed for all costs) or contract with the private sector.
- Install revenue metering facilities. Funding is included for the purchase of remote readable meters for the larger commercial and industrial customers.

Business Unit Title and Number	2003-04	2004-05
Line Extensions (Business Unit # 161651)	\$650,000	\$700,000
Service Connections (Business Unit # 161653)	160,000	165,000
Substructures (Business Unit # 161655)	160,000	165,000
Revenue Metering (Business Unit # 161656)	66,000	70,000
Total:	\$1,036,000	\$1,100,000

EXISTING SITUATION

At present, based on the Electric Utility Department's Rules and Regulations, Line Extensions, Service Connections and Revenue Metering are performed by Department staff and provided at the City's expense.

SCHEDULE AND PROJECT COSTS

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction						
Total		\$1,036,000	\$1,100,000	\$1,000,000	\$1,000,000	\$4,136,000
Recommended Funding Source						
Electric Utility Fund		\$1,036,000	\$1,100,000	\$1,000,000	\$1,000,000	\$4,136,000
Total		\$1,036,000	\$1,100,000	\$1,000,000	\$1,000,000	\$4,136,000

ALTERNATIVES

Have Line Extensions, Service Connections and Revenue Metering funded by advances from the developers. This would require a change to the Rules and Regulations.

IMPLEMENTATION

This project is implemented as required by developments within the City.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Electric Utility, Construction and Maintenance
REQUEST TITLE: Distribution System Improvement – Dusk to Dawn Lighting

PROJECT DESCRIPTION

This project provides for various construction projects to increase overall system capacity, reliability and operating flexibility to serve the electric load under normal and emergency conditions. The Dusk to Dawn lighting is also included under this project. Work will be done by Department personnel as part of the normal operation of the Capital Maintenance expenditure program.

PROJECT OBJECTIVES

The objectives of this project are to meet the service requirements as outlined under "Project Description" above. Specific projects have been identified below. However, funding for unidentified projects is included based on past experience regarding such improvement projects during any fiscal period.

Fiscal Year: 2003-04

- Rebuild downtown underground distribution system (final phase).
- Construct underground feeder, Harney Lane from Ham Ln. to Mills Ave.
- Construct 12 kV feeder, Vine St. betw. Low. Sac. Rd. and Road "B"
- Reconstruct underground secondary, Royal Crest and Tejon areas, re-budget.
- Reconstruct #6 cu. overhead lines, various areas.
- Install capacitor banks (2), re-budget.
- Dusk to Dawn Lighting.

Fiscal Year: 2004-05

- Reconstruct get-a-ways at Killelea Substation, re-budget.
- Construct underground feeder, Mills Ave. from Century Blvd. to Harney Ln.
- Construct underground feeder, Century Blvd. from Mills Ave. to Lower Sacramento Rd.
- Reconstruct underground secondary, English Oaks area, re-budget.
- Reconstruct #6 cu. overhead lines, various areas.
- Install capacitor banks (2), re-budget.
- Dusk to Dawn Lighting.

Account Title and Number	2003-04	2004-05
Distribution System Improvement (Business Unit # 161652)	\$917,000	\$1,081,000
Dusk to Dawn Lighting (Business Unit # 161654)	2,200	2,200
Total:	\$919,200	\$1,083,200

EXISTING SITUATION

The Electric Utility Department is responsible for providing adequate, reliable quality power at all times to the City of Lodi. Accordingly the funding level of this project is established based on past experience coupled with identifiable and necessary projects. The Dusk to Dawn lighting program is performed in response to customer requests for such lighting.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

Distribution System Improvement – Dusk to Dawn Lighting (continued)

SCHEDULE AND PROJECT COSTS

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition		\$919,200	\$1,083,200	\$1,200,00	\$1,250,000	\$4,452,400
Construction		\$919,200	\$1,083,200	\$1,200,00	\$1,250,000	\$4,452,400
Total		\$919,200	\$1,083,200	\$1,200,00	\$1,250,000	\$4,452,400
Recommended Funding Source						
Electric Utility Fund		\$919,200	\$1,083,200	\$1,200,00	\$1,250,000	\$4,452,400
Total		\$919,200	\$1,083,200	\$1,200,00	\$1,250,000	\$4,452,400

ALTERNATIVES

None

IMPLEMENTATION

Upon approval, the above projects will be scheduled and constructed during the identified fiscal periods. Undefined projects and Dusk to Dawn Lighting will be constructed based on customer demand

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Electric Utility, Construction and Maintenance
REQUEST TITLE: Streetlight Improvement

PROJECT DESCRIPTION

This project provides for installation of streetlights in areas throughout the City where streetlights do not exist or where the existing lighting is insufficient i.e. lights missing, "dark spots". This project also includes upgrades of existing luminaries on concrete standards.

PROJECT OBJECTIVES

The project objective is to provide uniform lighting meeting the specifications of the Illuminating Engineering Society of America (IES) on all street within the City. It is estimated that 1000-1200 lights will be installed during the life of the project (3-5 Years).

Account Title and Number	2003-04	2004-05
Streetlight Improvement (Business Unit # 161672)	\$1,100,000	\$950,000
Total	\$1,100,000	\$950,000

EXISTING SITUATION

Several areas throughout the City were developed without streetlights being installed. This project responds to one of the City's goals by having streetlights installed throughout the City.

SCHEDULE AND PROJECT COSTS

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction	\$2,177,910	\$1,100,000	\$950,000	\$500,000	\$0	\$4,727,910
Total	\$2,177,910	\$1,100,000	\$950,000	\$500,000	\$0	\$4,727,910
Recommended Funding Source						
Electric Utility Fund	\$2,177,910	\$1,100,000	\$950,000	\$500,000	\$0	\$4,727,910
Total	\$2,177,910	\$1,100,000	\$950,000	\$500,000	\$0	\$4,727,910

ALTERNATIVES

None

IMPLEMENTATION

Phases of this project are being designed, bid for construction and constructed on an ongoing basis until the total project is completed.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Electric Utility, Construction and Maintenance
REQUEST TITLE: 60kV Transmission Line

PROJECT DESCRIPTION

Engineer, design and construct a 60kV transmission line between Industrial Substation and the west side of the City.

PROJECT OBJECTIVES

To provide capacity on the west side of the City for future growth.

Account Title and Number	2003-04	2004-05
60kV Transmission Line (Business Unit # 161680)	\$476,500	\$648,250
Total	\$476,500	\$648,250

EXISTING SITUATION

Henning and McLane substations, both located on the west side of the City, are supplied through a 60 kV loop circuit from Industrial substation. The future addition of the West Side substation will cause a capacity shortage in the event either leg of the 60 kV loop is lost. To provide sufficient capacity to serve all three stations on the west side during emergency conditions, i.e. loss of 60 kV line, it is recommended that a third line be constructed to this area from Industrial substation. This project is phased over a three year period to coincide with construction of the West Side substation.

SCHEDULE AND PROJECT COSTS

	Prior Budget	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design		\$30,000	\$40,000	\$20,000		\$90,000
Acquisition		\$108,000	\$100,000	\$50,000		\$258,000
Construction		\$338,500	\$508,250	\$200,300		\$1,047,050
Total		\$476,500	\$648,250	\$270,300		\$1,395,050
Recommended Funding Source						
Electric Utility Fund		\$476,500	\$648,250	\$270,300		\$1,395,050
Total		\$476,500	\$648,250	\$270,300		\$1,395,050

ALTERNATIVES

Do nothing, not recommended. Capacity will be needed on the west side. An alternate source from the west is no longer being pursued.

IMPLEMENTATION

Upon approval material will be procured for the entire project and construction will be scheduled in phases over three years.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Electric Utility, Construction and Maintenance
REQUEST TITLE: Fiber Optic System

PROJECT DESCRIPTION

This project provides for engineering and installation of a Sonet OC-3 Fiber Optic system utilizing the existing 60kV route between each of the City's electrical substations.

PROJECT OBJECTIVES

The project will upgrade from leased copper phone lines to a high speed fiber optic system which will provide the communications medium for the City's Supervisory Control and Data Acquisition (SCADA) system to the electric substations. In addition the fiber optic system will be used for voice communication and a video security system to the substations. In the future this system may be used for water well site monitoring, traffic control with video imaging and intra-city phone system connecting emergency services (fire, police, hospital, etc.).

Account Title and Number	2003-04	2004-05
Fiber Optic System (Business Unit # 161685)	\$655,000	\$82,500
Total	\$655,000	\$82,500

EXISTING SITUATION

The existing leased copper phone lines have failed numerous times over the years leaving the Electric Utility without control of vital electrical components in the City's substations. The fiber optic system with its loop configuration design will greatly improve continuous communications to the electric substations.

SCHEDULE AND PROJECT COSTS

	Prior Budget	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design		\$42,000	\$25,000			\$67,000
Acquisition						
Construction		\$613,000	\$57,500			\$670,500
Total		\$655,000	\$82,500			\$737,500
Recommended Funding Source						
Electric Utility Fund		\$655,000	\$82,500			\$737,500
Total		\$655,000	\$82,500			\$737,500

ALTERNATIVES

Do nothing, not recommended. The proposed system will significantly improve reliability as well provide capacity for numerous future uses in communication, video, control and data transmission.

IMPLEMENTATION

The material portion of this project will be bid in its entirety and the construction will be accomplished in phases until the project is completed.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Electric Utility, Construction and Maintenance
REQUEST TITLE: Streetlight Standards - Upgrade

PROJECT DESCRIPTION

Replace painted steel streetlight standards with galvanized at various locations throughout the City.

PROJECT OBJECTIVES

- Eliminate hazardous conditions (potential fall over) from deteriorated streetlight standards.
- Reduce maintenance cost (eliminate periodic painting).
- Improve light distribution.

Account Title and Number	2003-04	2004-05
Streetlight Standard Upgrade (Business Unit # (to be determined))	\$87,500	\$87,500
Total:	\$87,500	\$87,500

EXISTING SITUATION

The City's streetlighting system consists of approximately 6200 luminaires mounted on various types of standards and poles. 360 of these streetlight supports are painted steel standards all of which are in excess of 30 years old. These standards, due to lack of protective treatment, other than paint, are failing at the base from corrosion to varying degrees depending on their location in the field. The Department has been monitoring the rate of deterioration during the past decade and has determined that corrosion has advanced to a point where the strength of the standards is reduced sufficiently to recommend a phased replacement program. Based on the data collected the location of the most severely deteriorated standards is known and, therefore, the replacement program would be phased in accordance with the level of deterioration on a four year program. It should be noted that these painted standards have an associated maintenance cost for periodic painting, mainly for appearance purpose. Painting has not been effective in preserving the standards in the area of the base. The standards would be replaced with galvanized steel standards having a higher luminaire mounting height. The higher mounting height will improve the lighting uniformity.

SCHEDULE AND PROJECT COSTS

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$87,500	\$87,500	\$87,500	\$87,500	\$350,000
Total:		\$87,500	\$87,500	\$87,500	\$87,500	\$350,000
Recommended Funding Source						
Electric Utility Fund		\$87,500	\$87,500	\$87,500	\$87,500	\$350,000
Total:		\$87,500	\$87,500	\$87,500	\$87,500	\$350,000

ALTERNATIVES

Do nothing - not recommended. This alternative would result in continued deterioration with ultimate failure of the standards and undue liability exposure to the City.

IMPLEMENTATION

Upon approval, the first phase, based on level of deterioration, will be scheduled.

2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Substation Construction and Maintenance
REQUEST TITLE: 80Kv DC HiPot Insulation Tester

PROJECT DESCRIPTION

Purchase a replacement 80 Kv DC HiPot Insulation Tester.

PROJECT OBJECTIVES

To replace the current aging DC HiPot Insulation Tester.

EXISTING SITUATION

All the Electric Utility substations contain vacuum style circuit breakers. These breakers use a vacuum as a medium to interrupt the ARC when the circuit breakers open under load. In the absence of a vacuum, were a breaker to open the results could be catastrophic, resulting in a breaker failure. Breakers with vacuum bottles are tested by impressing a DC voltage across the vacuum bottle and measuring the leakage current. This is the only way to test the integrity of the vacuum system. The tester that is now in use is approximately 35 years old and has gone through several repair and modification cycles. The unit is becoming unstable and tends to drift when it is set to a particular voltage. This makes it difficult to test the breakers to manufactures specifications.

SCHEDULE AND PROJECT COSTS

	2003-2004	2004-2005	Project Total
Phasing			
Study			
Design			
Acquisition	\$12,000.		\$12,000.
Construction			
Total	\$12,000.		\$12,000.
Recommended Funding Sources			
Capital Outlay Fund			

ALTERNATIVES

Continue to use the old HiPot tester and be concerned that we are not following manufactures guidelines.
Not recommended.

**FINANCE 2003-2005
IMPLEMENTATION**

Upon approval, advertise for bid and purchase a 80Kv Portable DC Insulation Test set in 2003-2004 Fiscal Year.

2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Substation Construction and Maintenance
REQUEST TITLE: Digital Micro-Ohmmeter

PROJECT DESCRIPTION

Purchase a Digital Micro-Ohmmeter

PROJECT OBJECTIVES

To replace aging, existing Digital Micro-Ohmmeter used in substation maintenance.

EXISTING SITUATION

The Electric Utility substations have approximately 80 high voltage circuit breakers. The circuit breakers have moving contacts, which open and close to make and break the circuits. When circuit breakers open they interrupt a high current which erodes the contact surfaces. These operations can cause the contacts to wear and overtime fail. The way to check the contacts is with a low resistance Ohmmeter. The tester now in use is a 10 amp model. The required method is now to test all contacts and substation busbars at 100 amps. The existing tester is not able to test the contacts to I.E.E.E. and N.E.T.A. and Manufacture specifications.

SCHEDULE AND PROJECT COSTS

	2003-2004	2004-2005	Project Total
Phasing			
Study			
Design			
Acquisition		\$12,000.	\$12,000.
Construction			
Total		\$12,000.	\$12,000.
Recommended Funding Sources			
Capital Outlay Fund			

ALTERNATIVES

Continue to use the old 10 amp Digital Micro-Ohmmeter and rely on readings that are not accurate. Not recommended.

**FINANCE 2003-2005
IMPLEMENTATION**

Upon approval, advertise for bid and purchase a 100 amp Digital Micro-Ohmmeter in 2004-2005 Fiscal Year.

2003-05 Financial Plan and Budget
CAPITAL BUDGET REQUEST

ACTIVITY: Electric Utility, Construction and Maintenance
REQUEST TITLE: Substation Construction

PROJECT DESCRIPTION

This project provides for various construction projects within the four substations to provide normal and emergency capacity to serve the electric load and improve operating flexibility. Funding for design of the West Side Substation is also included. This work will be done by Department personnel as part of normal operations of the Capital Maintenance expenditure program as well as by outside contractors.

PROJECT OBJECTIVES

Specific projects, as shown below, have been identified for construction during this fiscal period.

Fiscal year 2003-04

Killelea Substation

Reconstruct substation with open 12 kV bus configuration. Project to include new 60 kV bus structure, two power transformers, 12 kV open bus, control building with associated protective relays and telemetering and masonry perimeter fencing. (Additional funding requested this fiscal period, estimated total cost of project \$4,435,000). \$1,000,000

McLane and Henning Substations

Replace four 60 kV oil power circuit breakers. 279,000
Replace two remote terminal units. 110,000
Install reclosing relays (re-budget). 100,000
Install phone line isolators 16,000

Total: \$1,505,000

Fiscal year 2004-05

McLane Substation

Replace five 12 kV oil circuit breakers. \$172,000

Industrial Substation

Install three 60 kV power circuit breakers, structural steel and bus extensions, steel tower and associated relays, switches and disconnects. 542,000

New West Side Substation

Study and design of substation 400,000

Construction of this station is expected during 2005-07 fiscal period at an estimated cost of \$4,200,000.

Total: \$1,114,000

Business Unit Title and Number

2003-04

2004-05

Substation Construction (Business Unit # 161657).

\$1,505,000

\$1,114,000

Total:

\$1,505,000

\$1,114,000

2003-05 Financial Plan and Budget
CAPITAL BUDGET REQUEST

Substation Construction (continued)

EXISTING SITUATION

The **Killelea Substation** replacement project was initiated in the 1999-2001 fiscal period with funding appropriated for study and design during the 1999-2000 fiscal year and funding for construction including rebuilding and modification of the existing power transformers included in the 2001-03 fiscal period. The latest study results have indicated that a complete replacement of all components, including the power transformers, is the most economical option. It has also been determined that an open 12 kV bus structure is the preferred option. To accommodate this configuration additional property is required. Acquisition of adjacent property was authorized by the City Council during 2002 and is currently being finalized. Based on the results of the study the estimated overall project costs are \$4,435,000. This budget request (\$1,000,000) coupled with earlier appropriations will fund the overall project.

McLane and Henning Substations. These substations contain nine, total, oil insulated power circuit breakers ranging in age from 24 -34 years and contain as much as 1,000 gallons of oil per unit. Requirements for handling oil in the event of a spill are getting increasingly more stringent resulting in significant increased cost during both maintenance and accidental spills. Based on the age of the equipment, difficulty in obtaining part (manufacturer no longer in business) and the potential liability to the City from this type of equipment it is recommended that the oil circuit breakers be replaced with gas insulated equipment.

The remote terminal units (RTU) at both stations are late 1970 models and have gone through several upgrades. The RTUs are a vital link in the City SCADA system to monitor and control the substations. At this time the RTUs are obsolete and have reach the maximum capacity to handle and process data. The manufacturer no longer supports this vintage equipment with parts or technical support, therefore, it is recommended that the units be replaced.

At the time these stations were designed the City did not operate with automatic reclosing of circuit breakers and therefore did not have reclosing relays incorporated into the design of the stations. In order to improve the service restoration time i.e. reduce the length of some outages it is recommended that reclosing relays be retrofitted into each station.

The SCADA system communicates via telephone lines leased from SBC (PacBell). SBC are requiring isolation on all such lines to avoid excessive voltage being impressed on their lines terminating in substations. This budget request includes funding for phone line isolation at each station. Note: such isolation already exists at Industrial Substation and is incorporated into the design of the new Killelea Substation.

Industrial Substation. Install three 60 kV power circuit breakers with associated relays, switches and disconnects including extending the existing 60 kV bus structure. Two of these breakers will provide the terminal for the new 60 kV feeder to the west side of town. One will be installed in the existing 60 kV bus on the feeder supplying Killelea Substation. This feeder was designed with only one breaker based on the projection that Killelea Substation would be significantly reduced in size in the future. Due to industrial growth on the east side of town Killelea Substation will remain as a very necessary and vital component of the City's electric system..

New West Side Substation. Funding has been included in this fiscal period for the study and design phase of the new west side substation. Construction in expected during the 2005-07 fiscal period.

2003-05 Financial Plan and Budget
CAPITAL BUDGET REQUEST

Substation Construction (continued)

SCHEDULE AND PROJECT COSTS

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study			\$400,000			
Design						
Acquisition						
Construction		\$1,505,000	\$714,000	\$4,750,000	\$500,000	\$7,869,000
Total		\$1,505,000	\$1,114,000	\$4,750,000	\$500,000	\$7,869,000
Recommended Funding Source						
Electric Utility Fund		\$1,505,000	\$1,114,000	\$4,750,000	\$500,000	\$7,869,000
Total		\$1,505,000	\$1,114,000	\$4,750,000	\$500,000	\$7,869,000

ALTERNATIVES

Do nothing (not recommended)

IMPLEMENTATION

Upon approval, the projects will be scheduled, designed and constructed.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Electric Utility, Engineering & Operations
REQUEST TITLE: Metering Circuit Analyzer (Replacement)

PROJECT DESCRIPTION

Replace metering circuit analyzer.

PROJECT OBJECTIVES

Replace a 1982 vintage field metering circuit analyzer.

Account Title and Number	2003-04	2004-05
Metering Circuit Analyzer (Business Unit # (to be determined))	\$11,500.00	
Total	\$11,500.00	

EXISTING SITUATION

The Metering Division tests revenue metering installations periodically based on the various customer types. The existing field circuit analyzer, used for this testing, does not test the entire metering installation, depends on the eye - hand coordination of the operator performing the test and requires a significant amount of set up time in the field. In addition test data are processed using a hand calculator and manually recorded in the meter database. The proposed replacement field tester will test the entire metering installation, is very user friendly and requires no interaction with the operator for the test. Test data are processed internally and will be downloaded directly into the database, thereby eliminating introduction of errors.

SCHEDULE AND PROJECT COSTS

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition		\$11,500				\$11,500
Construction						
Total		\$11,500				\$11,500
Recommended Funding Source						
Electric Utility Fund		\$11,500				\$11,500
Total		\$11,500				\$11,500

ALTERNATIVES

Do nothing. This alternative is not recommended. The Department would continue testing with existing equipment and not gain the benefits in accuracy, complete testing and data management as well as efficiency and productivity of staff available with recommended test equipment. It should be noted that this test equipment is primarily used on the sophisticated metering installations having meter multipliers and therefore, a small error either in the metering equipment or from the human interaction could have significant financial impact on the customer.

IMPLEMENTATION

Upon approval the acquisition will be initiated.

TRANSPORTATION

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**2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Public Works - Street Division-Water/Wastewater-Facilities & Fleet Services-Transit
REQUEST TITLE: Municipal Service Center Restroom/Locker Room Expansion

Project Description

Add approximately 450 square feet of men's and women's restrooms and locker rooms.

Project Objectives

1. Adequately meet the needs of the increased employee population at the Municipal Service Center.

Existing Situation

The Municipal Service Center was built in 1972 and served 34 total employees. The existing facility's main office has one women's toilet, two men's toilets, and 47 lockers in an area designed for 33. There is no more room for additional lockers. This building currently serves 5 women, not counting the Transit employees that use the facility when they are at the Shop, and approximately 80 men. This facility has been inadequate for a number of years and currently does not meet any ADA requirements. With the addition of this restroom/locker room combination, this facility will provide adequate service for all employees and meet the needs of ADA requirements for access. We are currently meeting the needs of the employees by leasing a temporary mobile modular restroom unit. Due to the lack of action since the initial request for the 2002-03 budget, estimated construction costs have increase from \$132,475 to \$150,000.

Schedule and Project Costs

	Prior Budgets	2002-03	2003-04	2004-05	Project Total
Phasing					
Design	Completed	\$ 4,965			
Additional professional Services	Pending		\$ 15,000		
Construction			\$ 135,000		
Total		\$ 4,965	\$ 150,000		\$150,000
Recommended Funding Sources					
Street Fund IMF			\$ 50,000		
Water Fund IMF			\$ 50,000		
Wastewater Fund IMF			\$50,000		
Total			\$ 150,000		

Alternatives

1. Continue to rent mobile modular units to serve the needs of the employees.

Project Effect on Operating Budget

Approval of this project would mean a reduction of approximately \$7,000 annually on lease cost being charged to Water/Wastewater and Streets accounts.

Implementation

With City Council approval, bids would be solicited for this work.

2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Dept. - Municipal Service Center
REQUEST TITLE: Reconstruction of Pavement

Project Description

Remove and replace asphalt pavement around the vehicle maintenance shop, Public Works equipment storage, and Kofu Park parking area. Install two (2) sand/oil traps into the storm line system.

Project Objectives

1. Reconstruct the equipment yard and provide an adequate structural section for the heavier equipment and buses.
2. Improve on-site drainage for longer pavement life.
3. Install sand/oil traps for NPDES Phase II storm water regulations.
4. Restore asphalt damaged in the process of installing the CNG fueling station.
5. Provide a smooth parking area adjacent to Kofu Park and the new skate park.

Existing Situation

The Municipal Service Center was built in 1972. The existing yard was designed for conditions at the time of construction and is not adequate for the new larger equipment and the additional load caused by buses. The Yard has been maintained by the Street Division, but has met its designed life. The Yard is now failing and is no longer cost-effective to maintain.

All departments of the City including Public Works, Fire, Police, and Parks Department, as well as private trucks going to the warehouse, use this yard.

Schedule and Project Costs

	Prior Budgets	2000/01	2002/03	2003/04	2004/05	Project Total
Phasing						
Study						
Design		\$ 5,000				\$ 5,000
Acquisition						
Construction – Pavement					\$205,000	\$ 205,000
(2) Sand/Oil Traps					\$54,000	\$ 54,000
Total		\$ 5,000			\$259,000	\$ 264,000
Recommended Funding Sources						
Street fund		\$5,000		\$ 92,680		\$ 97,680
Electric Utility				\$ 68,640		\$ 68,640
Water fund				\$ 21,840		\$ 21,840
Wastewater fund				\$ 75,840		\$ 75,840
Total		\$5,000		\$ 259,000		\$264,000

Alternatives

Do nothing and continue maintenance as best as possible. This is not practical due to the ever-increasing pavement failures and impending storm water regulations.

Project Effect on Operating Budget

1. Eliminate costly maintenance expenses for this aging pavement.
2. Reduce exposure to storm water related fines and lawsuits.

2003- 2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Dept Streets- Municipal Service Center
REQUEST TITLE: Office Furniture for Mobile Modular Office Unit

Project Description:

This request is to fund the purchase of new office furniture for offices within the Municipal Service Center (MSC) Mobile Modular Unit.

Primary Objectives:

The primary objective is to provide new, stable, uniform and ergonomically correct office furniture for the offices within the MSC Mobile Modular unit. New office furniture may also alleviate the safety risks associated with ergonomically incorrect furniture.

Existing Situation:

The MSC is currently leasing a Mobile Modular office unit and a restroom unit to meet the needs of current employees. The MSC is overcrowded and is in need of additional office space for Water/Wastewater and Street supervisory staff. Along with the limitations of office space, office furniture is also limited. Employees occupying the additional office space are currently using old "hand-me down" furniture. When either a chair or desk breaks or is no longer reusable, staff has to search through storage for replacement furniture. Most of the office furniture is outdated and not up to ergonomically correct standards. In addition, the office furniture currently used is not uniform with the rest of the office furniture in the MSC building and does not provide for efficient storage.

ALTERNATIVES

- Continue to use old furniture until they are completely damaged and all other resources are depleted.
- Remain at risk for safety hazards and worker's comp claims associated with ergonomically incorrect office equipment and furniture.
- Recycle LPD office furniture upon relocation from Carnegie. This should fill PW- MSC office furniture needs. A portion of the funds will be used for supplemental needs.

Schedule and Project Costs

	Prior Budgets	2002-03	2003-04	2004-05	Project Total
Phasing					
Study					
Design					
Acquisition				\$21,000	\$21,000
Construction					
Total				\$21,000	\$21,000
Recommended Funding Sources					
Capital Outlay Fund				\$21,000	\$21,000

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: GENERAL GOVERNMENT/ TRANSPORTATION
REQUEST TITLE: EXPANSION OF FLEET SERVICES SHOP AT THE MUNICIPAL SERVICE CENTER

Project Description:

This project consists of renovation and expansion of the Municipal Service Center (MSC) Fleet Services Shop. The project includes remodeling of the existing space and evaluation of an expansion into the Animal Services Shelter. At a minimum, the shop expansion needs to include additional work bays adequate to accommodate newer, larger equipment, as well as the expanding Transit fleet.

Project Objectives:

The objective of this project is to:

- Provide adequate and safe working environment for Fleet Services staff;
- Provide for growth;
- Be complementary to the Municipal Service Center and its support functions;
- Accommodate changing fuel technologies.

Existing Situation:

The existing shop facility at the MSC was constructed in 1972. The shop has undergone numerous low-budget fixes to maintain its functionality. There are significant deficiencies in the mechanical and electrical systems, work space, storage, parking for vehicles while being serviced and changing requirements for alternative fuel vehicles and equipment. Due to the delay in other departments vacating the MSC, and the expanding shop requirements and demand for service, it is now necessary to evaluate the shop as a separate component of this expansion. The Fleet Services shop is past capacity and cannot wait for the complete expansion of the MSC. Fleet Services at the MSC are restricted requiring innovative staffing strategies and the movement of the Fleet Services Supervisor and Administrative Clerk out of the shop area into an adjoining temporary trailer, further constricting the already limited parking and difficult traffic flow at the MSC. Large pieces of equipment, which cannot fit within the confines of the existing building, must now be serviced and/or repaired using portable lifts in the yard itself. The location of a welding shop within the fleet services shop is not efficient and severely restricts the needed size of a functional welding shop.

Project Work Completed:

A master plan study was done in 1997 for the Municipal Service Center. Included in that was a number of alternatives that affected the Fleet Services shop expansion. With the expansion of our Compressed Natural Gas fleet, Transit and Fleet and Facilities have purchased explosion proof lights, fans and a methane detection system. Additional requirements, from the Fire Department and State Code, include replacing existing suspended radiant heating and automatic opening doors and alarms which are interconnected into the methane detectors.

Schedule and Project Costs:

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study N/A						
Design		\$275,000				\$ 275,000
Acquisition N/A						
Construction			\$1,950,000			\$1,950,000
Total			\$1,950,000			\$2,225,000
Funding						
Impact Fees		\$55,000	\$ 659,000			\$ 714,000
Enterprise Funds						
Transit		\$55,000	\$ 233,000			\$ 288,000
EUD		\$55,000	\$ 510,000			\$ 565,000
Water		\$55,000	\$ 233,000			\$ 288,000
Wastewater		\$55,000	\$ 315,000			\$ 370,000
Total		\$275,000	\$ 1,950,000			\$2,225,000

Project Effect on Operating Budget:

Staff time during study and design phases. Some increase in utility costs due to additional square footage, somewhat offset by use of more efficient HVAC and lighting system (not estimated).

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Transportation
REQUEST TITLE: Street Capital Maintenance

Project Description

This project consists of street capital maintenance projects to existing City streets not included in the operating budget. While these projects vary widely in scope, the work primarily includes street widening projects, street overlay projects and reconstruction projects that may include median and landscaping components.

Project Objectives

The objective of the Project is to maintain and/or enhance the level of service of the City's vehicular traffic corridors.

Existing Situation

The "Project" reflected below consists of streets that are in need of maintenance or reconstruction. Now that recent, major street projects such as Lower Sacramento Road and Stockton Street are complete, the Department plans to focus additional effort toward street maintenance work. The \$50,000 per year budget request for the sidewalk repair installations is included in the streets operating budget.

Project Work Completed

For projects scheduled in 03-04, the pre-design work has been completed and the final design work is in progress. Budget estimates have been prepared for Projects listed below that are scheduled beyond 03-04. An agreement with the Railroads has been executed allowing the Central City Railroad Safety Improvement Project to proceed.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Kettleman Lane Median Safety Project		\$ 314,000				\$ 314,000
Central City Railroad Safety Improvement Project		\$1,000,000	\$3,600,000	\$2,944,000	\$2,500,000	\$10,044,000
Lodi Avenue Overlay (Ham Ln. > UPRR)		\$ 430,000				\$ 430,000
Stockton Street Reconstruct (Kettleman Ln. > Harney Ln.)			\$1,100,000			\$1,100,000
Pine Street Overlay (Ham Ln. > Church St.)			\$ 200,000			\$ 200,000
Turner Road Reconstruction (LSR > Loma)				\$ 550,000		\$ 550,000
Lower Sacramento Rd. Reconstruct (Turner Rd. > UPRR)				\$ 100,000		\$ 100,000
Lodi Avenue Overlay (LSR > Ham Ln.)					\$ 495,000	\$ 495,000
Sacramento Street (Tokay St. > Lodi Ave.)					\$ 340,000	\$ 340,000
Hutchins Street Reconstruct (Lodi Ave. > Pine St.)					\$ 450,000	\$ 450,000
Willow, Peach and Cochran Rd. Improvements *			\$ 125,000			
New Sidewalk Installations	\$ 50,000	\$ 50,000	\$ 50,000	\$ 50,000		\$ 200,000
Misc. Streets & Sidewalk Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Misc. Curb & Gutter Improvements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Handicap Ramp Retrofit (CDBG)	\$ 175,000	\$ 200,000	\$ 200,000	\$ 200,000		\$ 775,000
Vine Street Overlay (Ham > Hutchins) *	\$ 115,000					\$ 115,000
Harney Lane Maintenance *(Partial funding 04/05)	\$ 135,000	\$ 200,000	\$ -	\$ 635,000		\$ 970,000
Miscellaneous Overlays	\$ -	\$ -	\$ 750,000	\$ 115,000		\$ 865,000
Total		\$2,219,000	\$5,475,000	\$4,594,000	\$4,785,000	\$17,073,000
Recommended Funding Sources						
HES	\$ 272,000					\$ 272,000
MK Grant	\$ 750,000	\$3,300,000	\$2,644,000	\$2,500,000		\$9,194,000
MK Maintenance	\$ 260,000	\$ 259,000	\$ 850,000	\$1,285,000		\$2,654,000
TDA	\$ 56,000	\$ 14,000	\$ 14,000	\$ 14,000		\$ 98,000
TDA (Bike and Ped)	\$ 36,000	\$ 36,000	\$ 36,000	\$ 36,000		\$ 144,000
CDBG	\$ 175,000	\$ 200,000	\$ 200,000	\$ 200,000		\$ 775,000
STIP	-	-	-	-	-	-
RTIP		\$ 741,000				\$ 741,000
AB438	\$ 170,000					\$ 170,000
IMF	\$ 250,000	\$ 675,000	\$ 100,000	\$ -		\$1,025,000
Unfunded *	\$ 250,000	\$ 250,000	\$ 750,000	\$ 750,000		\$2,500,000
TOTAL		\$2,219,000	\$5,475,000	\$4,594,000	\$4,785,000	\$17,073,000

Project Effect on Operating Budget: Temporary reduced operational costs for the rehabilitated streets

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Transportation

REQUEST TITLE: Traffic Signal and Street Lighting Improvements

Project Description

These projects include design and/or construction of new traffic signals, street lighting fixtures, modifications to existing traffic signals, replacement of existing signal cabinet/controller equipment, and other miscellaneous improvements as described below:

- New Traffic Signals and Street Lighting Installations: Lodi Avenue/Mills Avenue is funded by a grant with a twenty percent local match; Cherokee Lane/Tokay Street is impact fee/developer funded; Ham Lane/Harney Lane is impact fee/Transportation Development Act (TDA) funded; Lower Sacramento Road/Century Blvd is part of the Lower Sacramento Road widening project; Lockeford Street/Sacramento Street is Transit (Lodi Station Parking mitigation) funded, and future signal installations. Future signal installations are determined by the City Council based on the approved Signal Priority Study (SPS) list and City Council direction.
- Signal Modifications to Existing Traffic Signals – The modifications to the existing traffic signals are determined by the annual review and evaluation of the collision diagrams for the intersections in the Intersection Study List (ISL). Specific improvements and locations are as follows: Lodi Avenue/Church Street (install left turn phases (arrows) in the eb/wb directions), Cherokee Lane/Lockeford Street (install left turn phases in the nb/sb directions), Church Street/Lockeford Street [convert fixed-time (no vehicle and pedestrian detection) operation to a fully-actuated operation], Lower Sacramento Road/Turner Road East (install a split phase operation and sb dual left turn lanes) and future intersections per ISL.
- Existing Cabinet/Controller Equipment – Replacement of cabinet and controller equipment is requested at signalized intersections that are over twenty years old. The locations are Central Avenue/Lodi Avenue, Cherokee Lane/Lodi Avenue, Church Street/Lockeford Street, Elm Street/Ham Lane, Ham Lane/Tokay Street, Ham Lane/Turner Road, Ham Lane/Vine Street, and Lodi Avenue/Sacramento Street.
- Miscellaneous Improvements include pedestrian and other upgrades to the existing signal systems as follows: 1) Turner Road and Loma Drive (install a lighted crosswalk with warning devices), 2) Lodi Avenue (install an interconnected system), and 3) Kettleman Lane/Tienda Drive, and Kettleman Lane/Crescent Avenue (install audible traffic signal equipment).

Project Objectives

1. To improve traffic flow, delay and safety conditions on the street system.
2. To install new traffic signals per the 2000 SPS List and as directed by City Council.
3. To reduce or eliminate collisions by implementing improvements at the existing traffic signals.
4. To install pedestrian improvements near Lodi Lake.
5. To provide visually impaired pedestrians with audible traffic pedestrian signals.
6. To improve traffic flow by coordinating the traffic signals on Lodi Avenue, between Lower Sacramento Road and Cherokee Lane.

Existing Situation

- Staff maintains a list of proposed signal locations. The intersections meet Caltrans minimum traffic signal guidelines and are ranked based on a priority system previously approved by City Council. Staff adds traffic signals based on this list, and per City Council direction.
- Staff annually updates the Intersection Study List, a ranking of existing traffic signals by accident rate. Two of the intersections, Church/Lodi, and Cherokee/Lockeford are ranked high on this list. The other two intersections are low on the ISL, however, motorists experience poor operating conditions. At Lower Sacramento Road/Turner Road, there is heavy traffic in the southbound direction and only one short left turn pocket. At Church Street/Lockeford Street, this is the last fixed time signal and has no pedestrian push buttons or vehicle actuation. Motorists and pedestrians are delayed waiting for the traffic signal to run the set timing plan even when pedestrians or vehicles are not present.
- At eight intersections, the signal system equipment is over twenty years old and, parts and support services are no longer available. Timely replacement of the equipment avoids long term disruption in the case of equipment failure.

- City Council has requested pedestrian improvements on Turner Road at Loma Drive. Currently, there are flashing beacons and pedestrian signs with a ladder design crosswalk on Turner Road adjacent to Lodi Lake.
- On Lodi Avenue, between Lower Sacramento Road and Cherokee Lane, traffic is congested and motorists experience delays since the traffic signals are not operating in a coordinated system.
- Staff received a request from the Community Blind Center for audible signals at intersections. At Kettleman Lane/Tienda Drive, and Kettleman Lane/Crescent Avenue intersections, the intersection are not equipped with audible signals for the visually impaired pedestrian. Since both these intersections are on State Highway 12, Caltrans has offered to install the equipment if the City pays for it.

Project Work Completed

At Lodi Avenue/Mills Avenues, signal design plans and specifications are underway and will be ready for construction in 2003/04. At Lockeford Street/Sacramento Street, signal design plans and specifications are complete, however, the project is not funded. Staff and the developer are currently reviewing signal consultants for the design of the Cherokee Lane/Tokay Street signal. At Lower Sacramento Road/Century Boulevard, the signal plans are near completion. The Lodi Avenue interconnected system plans are underway and will be ready for construction in 2003/04. For Turner Road and Loma Drive, a traffic consultant was retained to determine the feasibility of a traffic signal and review indicated a lighted crosswalk and warning devices are preferred.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
New Traffic Signal and Street Lighting Improvements						
Lodi Ave./Mills Ave.		\$310,000			\$80,000	
with interconnect system from Mills to UPRR						
with interconnect system from UPRR to Cherokee						
Cherokee Ln./Tokay St.			\$200,000			
Harney Ln./Ham Ln.			\$200,000			
Lower Sacramento Rd./Century Blvd.				See Major St Expansion Projects		
Lockeford St./Sacramento St.				\$200,000		
Future Signal (Location undetermined)					\$200,000*	
Signal Modifications						
Lodi Ave./Church St.		\$64,000				
Cherokee Ln./Lockeford St.			\$17,000			
Church St./Lockeford St.				\$45,000		
Lower Sacramento Rd./Turner Rd.				\$11,000		
Signal Cabinet/Controller Equipment Replacement						
Ham Ln./Turner Ln.		\$21,000				
Lodi Ave./Sacramento St.			\$21,000			
Other Locations				\$75,000	\$21,000	
					\$54,000*	
Miscellaneous						
Turner Rd./Loma Pedestrian Improvement		\$30,000				
Audible Signal Equipment		\$2,200	\$2,200			
TOTAL		\$427,200	\$440,200	\$331,000	\$355,000	\$1,553,400
Recommended Funding Sources						
HES						\$200,000
FTA				\$200,000		
MK Maintenance						\$537,400
TDA		\$109,200	\$140,200	\$131,000	\$157,000	\$30,000
TDA Ped/Bike		\$30,000				\$310,000
CMAQ		\$248,000			\$62,000	
STIP						\$265,000
IMF		\$40,000	\$225,000			\$75,000
Others (Developer)			\$75,000			\$239,000
Unfunded*					\$136,000	
TOTAL		\$427,200	\$440,200	\$331,000	\$355,000	\$1,553,400

Project Effect on Operating Budget

Increased maintenance cost for new signals.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Transportation
REQUEST TITLE: Street Expansion Projects

Project Description:

These projects are major street widenings and extensions primarily associated with adding capacity for traffic growth. They are:

- Lower Sacramento Road (Kettleman Lane to Kristen Court) – This is a joint project of the City and County with a majority of the funding from the State Transportation Improvement Program (STIP), Measure K, and City regional IMF funds. A four lane facility with center landscaped median has been designed. A traffic signal is included at the intersection with Century Blvd.
- Century Boulevard (Sage Way to Lower Sacramento Road) – Construction of one-half of the street is scheduled to occur in conjunction with the Lower Sacramento Road widening project or the DeBenedetti Park project.
- Kettleman Lane Gap Closure (Tienda Drive to Cherokee) - Kettleman Lane between Ham and Tienda will be widened from 3 to 4 lanes. Landscaped divider medians and turn pockets will be added between Lower Sacramento Road and Cherokee Lane.
- Miscellaneous Street Widening – Concurrent with development projects within the City, a number of street widenings are implemented. The Impact Mitigation Fee Program provides funding for these projects. Harney Lane and Sargent Road (Lodi Avenue) are probable widening projects in this category. Widening of the Woodbridge Irrigation District canal crossing on Harney is included.

Project Objectives

An objective of these projects is to continue to provide a level of service on our streets facilities in conformance to General Plan policy. An important objective is to synchronize the addition of capacity on the system with the presentation of demand.

Existing Situation

Lower Sacramento Road is in need of significant maintenance and widening. The project is included in the Lower Sacramento Road Special Purpose Plan and is a priority for the City and County. A requirement to extend Century Blvd. to Lower Sacramento Road results from significant residential development in the area. In addition, the extension will provide street frontage improvements along new DeBenedetti Park. Kettleman Lane is currently three lanes between Ham Lane and Tienda Drive. Traffic volumes on Kettleman Lane are to the level that additional left turn controls are a required safety improvement. These types of controls have already been installed over about half of the roadway within the City limits.

Project Work Completed

Construction documents for Lower Sacramento Road, Kettleman Gap Closure and Century Blvd. extension project will be completed by the beginning of the fiscal year. Environmental clearances will have been issued by that time. Requests to bid the projects will depend upon the State issuance of construction authorization.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Transportation
REQUEST TITLE: Street Expansion Projects

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-2007	Project Total
Lower Sacramento Road			\$3,727,000			\$3,727,000
Century Blvd. Extension				\$228,000		\$ 228,000
Kettleman Lane Gap Closure		\$2,920,500				\$2,920,500
Lockeford Street Widening (UPRR>Cherokee)				\$645,000	\$1,000,000	\$1,645,000
Miscellaneous Widening		\$ 335,000	\$ 100,000	\$100,000		\$ 535,000
TOTAL		\$3,255,500	\$3,827,000	\$973,000	\$1,000,000	\$9,055,500
Recommended Funding Sources						
State Transportation Improvement Program		\$2,629,000	\$2,856,000			\$5,485,000
Measure K Grant			\$ 600,000			\$ 600,000
Transportation Enhancement Act (TEA)		\$ 163,000				\$ 163,000
Transportation Development Act (TDA)		\$ 48,000				\$ 48,000
Impact Mitigation Fees (Streets Regional)		\$ 415,500	\$ 245,000	\$745,000	\$1,000,000	\$ 2,633,500
Impact Mitigation Fees (Storm Drain & Parks)			\$ 100,000	\$228,000		\$ 328,000
Electric Utility			\$ 26,000			\$ 26,000
TOTAL		\$3,255,500	\$3,827,000	\$328,000	\$1,000,000	\$9,055,500

Project Effect on Operating Budget

Increased utility costs associated with street lighting. Increased landscape and roadway maintenance costs.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Transportation
REQUEST TITLE: Downtown Streets Improvements

Project Description

This project consists of repair and enhancements of Downtown streets adjacent to the renovated section of School Street. The work includes street, sidewalk, and curb and gutter repairs, as appropriate; installation of street lighting using the same green poles and globes as used on School Street; installation of trees with an irrigation system; and, placement of the same type benches and trash receptacles as used on School Street.

Project Objectives

The objectives of this project is to:

- Rehabilitate the aging streets in the Downtown;
- Provide pedestrian amenities as identified in the Downtown Revitalization Program;
- Continue the incentive for Downtown property owners to renovate their buildings;

Existing Situation

The existing Downtown streets and sidewalks consist of a mixture of design types and ages. While the Downtown Revitalization catalyst project on School Street included some work on the adjacent blocks of Pine and Oak streets, there is a need for sidewalk improvements on these blocks, and other adjacent streets were untouched by the project. In the normal course of street maintenance, these streets would receive various pavement and drainage improvements; however, these would not normally be done in a manner that would provide the enhancements called for in the Downtown Revitalization Program. This project, if approved, would set the standard at this higher level.

Project Work Completed

Based on the Downtown Revitalization Program, budget estimates, including the items in the project description, have been prepared by City staff. This is an ongoing capital improvement program that is entering the third year of implementation. The transfer of street lighting to the Electric Utility Fund will provide funding for the streetlight portion of the program. The program would be implemented at blocks adjacent to major public or private projects in the downtown area, as has been the case with the theatre project. The next years of the program include improvements to Pine Street, Walnut Street, Oak Street and Sacramento Street.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Construction						
Pine St. (School to Sacramento) North Side		\$ 35,000				\$ 35,000
Pine St. (School to Sacramento) South Side*			\$ 58,000			\$ 58,000
Walnut St. (School to Sacramento)				\$ 162,400		\$ 162,400
Walnut St. (Church to School)					\$ 182,000	\$ 182,000
Oak St. (School to Sacramento)					\$ 58,240	\$ 58,240
Pine St. (Church to School)					\$ 35,280	\$ 35,280
Sacramento St. (Oak to Walnut)					\$ 235,200	\$ 235,200
Oak St. (Church to School)					\$ 44,800	\$ 44,800
Locust St. (School to Sacramento)					\$ 159,800	\$ 159,800
Locust St. (Church to School)				\$ 124,320	\$ 124,320	
TOTAL		\$35,000	\$58,000	\$162,400	\$839,640	\$1,095,040
Recommended Funding Sources						
Measure K Maintenance		\$35,000	\$ 0	\$ 0	\$ 73,320	\$108,320
CDBG (TBD)		\$ 0	\$ 0	\$ 37,520	\$164,640	\$202,160
Electric Utility (Street Lighting)		\$ 0	\$ 0	\$ 87,360	\$414,640	\$502,000
Unfunded (*)		\$ 0	\$ 58,000	\$ 37,520	\$187,040	\$282,560
TOTAL		\$ 35,000	\$ 58,000	\$162,400	\$839,640	\$1,095,040

Project Effect on Operating Budget: Some increase due to additional electrical and water usage. Some reduction in annual maintenance costs.

LEISURE, CULTURAL & SOCIAL SERVICES



2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation Administration
REQUEST TITLE: Parks Maintenance Projects/Equipment (Multi-year)

Project Description

This is a multi-year program to finance capital maintenance of parks and recreation grounds and facilities at a level sufficient to protect the City's investment in these assets, to ensure grounds and facilities are maintained in a safe and useable condition and at standards set by the City, State and Federal agencies. The projects which may be financed or equipment purchased include but are not limited to the following and will be completed based on the availability of funds and priority:

- Small projects for various parks
- Floor Lift for Mechanic's Shop
- Irrigation Booster Pump for Katzakian Park
- New Armory Park Parking Lot and Storage Area
- Blakely Park Pool Heater
- Upgrade Recreation Software
- Closed Circuit Monitoring System
- Chapman Field Renovation
- Softball Complex Renovation
- Softball Complex Parking Lot Overlay
- Roof repairs at Legion Park, Zupo Field, and Softball Complex
- Upgrade Department phone system
- Creation of Private Offices for Staff
- Update Parks and Recreation Master Plan

Project Objectives

The objective of the capital park maintenance program is to ensure that a reasonable level of investment is made in maintaining safe and usable park facilities which comply with City, State and Federal policies for public recreation facilities.

Existing Situation.

The Parks and Recreation Department is responsible for maintaining 390 acres of parks, which includes numerous ball fields, playgrounds, buildings, pools, irrigation systems, and passive use areas. The number of projects and equipment needed changes from year to year based on fair wear and tear, public use, the increase in the number of park facilities, exposure to weather conditions and the need to improve the efficiency of maintenance activities. Accordingly, the funding level for this project is established to ensure a minimum level for parks maintenance. The priorities are to be determined by the Parks and Recreation Department in conjunction with the Parks and Recreation Commission.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$300,000	\$300,000	\$300,000	\$300,000	
Total						\$1,200,000
Recommended Funding Sources						
Capital Outlay Fund		\$300,000	\$300,000	\$300,000	\$300,000	
Enterprise Funds						

Alternatives

Defer maintenance or reduce the size and scope of the City's park maintenance program.

Project Effect on Operating Budget

None.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks & Recreation Equipment Maintenance
REQUEST TITLE: Pickup for Parks Program Coordinator

Project Description

Purchase (1) compact pickup truck.

Project Objectives

To provide safe and reliable transportation for the Parks and Recreation Coordinator.

Existing Situation.

Currently the parks Coordinator is using a donated 1993 Ford Crown Victoria with 134,705 miles. This vehicle is constantly in for repairs. Staff feels that a compact pickup would best fill the need by allowing the Parks Program Coordinator to transport equipment and supplies thereby freeing maintenance staff of this activity.

Project Work Completed

This will be an addition to the fleet.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$20,000				\$20,000
Total		\$20,000				\$20,000
Recommended Funding Sources						
Capital Outlay Fund		\$20,000				\$20,000
Enterprise Funds						

Alternatives

1. Continue to use the current high mileage vehicle.
2. Use personal vehicle.

Project Effect on Operating Budget

None

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation Administration
 REQUEST TITLE: Replace Copier Machine

Project Description

Replace Sharp SF2022 Copier Machine in the Parks Division.

Project Objectives

To provide staff with a reliable copier that produces good quality copies.

Existing Situation

The existing copier was purchased in August 1995 and has over 300,000 copies on it. Staff has had difficulty in obtaining a maintenance agreement due to its age. The Parks Department copier is also a back up for when Recreation Department's copier breaks down. Many of the functions on the machine are no longer reliable (sorting, duplexing and copying paper larger than 8 1/2 X 11) and it jams frequently, causing loss of staff time.

Project Work Completed

None.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition		\$12,000				
Construction						
Total						
Recommended Funding Sources						
Equipment Replacement Fund		\$12,000				
Enterprise Funds						

Alternatives

Continue using existing copier

Project Effect on Operating Budget

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks & Recreation Equipment Maintenance
REQUEST TITLE: Turf Tractor

Project Description

Purchase (1) Turf Tractor

Project Objectives

To provide Parks Department with equipment to renovate, aerate and maintain smaller more sensitive areas without damaging turf, trees or irrigation systems. To save on labor and material cost as well as providing more esthetically pleasing facilities.

Existing Situation.

Our current tractor is too large, and heavy as well as having too high a profile to be utilized in certain areas.

Project Work Completed

We have prices on several tractors.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$18,000				\$18,000
Total		\$18,000				\$18,000
Recommended Funding Sources						
Capital Outlay Fund		\$18,000				\$18,000
Enterprise Funds						

Alternatives

1. Continue to perform work with existing inventory of equipment.
2. Rent turf tractor as needed and incur the cost.

Project Effect on Operating Budget

None

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation Administration
REQUEST TITLE: Construction of an Aquatics Complex

Project Description

Construction of an aquatics facility.

Project Objectives

To provide the community with a much needed aquatic facility.

Existing Situation.

Currently, the city's recreational aquatic programming is held at the Enze/Field pool complex and school district pools. This complex consists of two pools, one 25 meter and one recreational pool. Neither pool is adequate for swim league programs. Lodi relies heavily upon School District pools to accommodate our aquatics needs. Additional facilities would eliminate the reliance upon the High School pools.

A site at the western end of Vine Street has been identified. Property has not been acquired or annexed into the city.

Project Work Completed

This project is currently in the design stage.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design	\$548,105					
Acquisition		\$460,000				
Construction			\$5,983,000			
Total						\$6,991,105

Recommended Funding Sources: Suggested sources; actual to be determined at a later date

- Impact Mitigation Fees; Capital Outlay Fund; Grants, Certificates of Participation

Alternatives

Maintain status quo

Project Effect on Operating Budget

Upon development, the facility must be maintained by staff.

NOTE: A public art component is required for this project (2% of \$5,983,000 totaling \$119,660), which has not been factored into this request.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation Administration
REQUEST TITLE: Lodi Indoor Sports and Activity Center

Project Description

This project consists of the Indoor Sports and Recreation facility development and construction. The facility will provide a gymnasium (3 courts), bathrooms, offices, and meeting rooms for multiple community uses. The center is anticipated to be 39,000 square feet. The site location has been identified near downtown, bordered by Locust, Main and Elm streets.

Project Objectives

The objective of this project is to:

- Provide for local and regional basketball, volleyball, indoor athletics, and sports events;
- Provide a center with multiple indoor recreation uses for all age needs;
- Contribute to on-going downtown revitalization and economic development efforts.

Existing Situation.

Lodi relies heavily upon school district, county, and state military facilities to accommodate our indoor sports and activity needs. Additional facilities would eliminate the reliance upon these agencies. This center would allow the City to accommodate multiple users who wish to participate in a variety of programs. A lack of indoor facilities has impacted programs for several years.

Project Work Completed

A feasibility study was completed in 1997. Design work has been approved by Council and is progressing. Additional property acquisition and site improvements are needed.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design	\$521,755	\$525,000				
Acquisition & Site Improvements		\$404,000				
Construction			\$9,450,000			
Total						\$10,900,755

Recommended Funding Sources: Suggested sources; actual to be determined at a later date

- Impact Mitigation Fees; Capital Outlay Fund; Grants, Certificates of Participation.

Alternatives

Maintain status quo.

Project Effect on Operating Budget

Upon development, the facility must be maintained by staff.

NOTE: A public art component is required for this project (2% of \$9,450,000 totally \$189,000), which has not been factored into this request.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation Administration
 REQUEST TITLE: Construction of DeBenedetti Park/G-Basin

Project Description

This project consists of design and development of a sports complex (with lighted fields) and park within the "G-Basin" that provides drainage for the area bounded on the north and east by the WID Canal, Harney Lane on the south and Lower Sacramento Road on the west. The property is located at the southeast corner of Lower Sacramento Road and future Century Boulevard, consisting of 49 acres.

Project Objectives

The objective of this project is to:

- Provide additional sports fields and neighborhood park facilities;
- Provide for growth in accordance with the General Plan;
- Provide storm water storage in accordance with the City's Design Standards

Existing Situation.

Design work for the project has progressed over the past year. The design plan calls for three elements or steps to occur:

- Mass grading and excavation of the basin;
- Park development for the eastern half of the property
- Park development for the western half of the property

This project is one of the four highest (unranked) projects identified by the Parks & Recreation Commission as of early 2001. Lodi Unified School District is planning an elementary school south of the site. Joint use potential will be investigated. Existing baseball and soccer fields are heavily utilized with demand increasing.

Project Work Completed

Property acquisition to the planned dimensions has been accomplished (49 acres net). Portions of the basin have been excavated to provide storm water storage. Drainage studies confirming the required storage volume have been completed.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design	\$626,500					
Acquisition						
Construction - Mass Grading		\$300,000				
Construction - Phase I			\$7,525,000			
Construction - Phase III				\$3,458,000		
Total						\$11,909,500

Recommended Funding Sources: Suggested sources; actual to be determined at a later date

- Impact Mitigation Fees; Capital Outlay Fund; Grants, Certificates of Participation.

Alternatives

Maintain status quo.

Project Effect on Operating Budget

Some increase due to field maintenance and lighting.

NOTE: A public art component is required for this project (2% of \$11,283,000 totally \$225,660), which has not been factored into this request.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation Administration
REQUEST TITLE: Parks Division Modular Office

Project Description

Replace the existing wood modular structure with a new modular office that is constructed of higher quality materials.

Project Objectives

To provide Parks Division staff with office space by replacing the existing structure that does not rest on a permanent foundation.

Existing Situation.

The existing structure leak, the floor is uneven which causes doors not to close properly. The structure has had major repair work done regarding the exterior siding (14 feet of exterior was replaced about two years ago when one of the three air conditioning units fell off the structure due to dry rot).

Project Work Completed

Design will be done in-house.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction			\$500,000			\$500,000
Total			\$500,000			\$500,000
Recommended Funding Sources						
Capital Outlay Fund			\$500,000			\$500,000
Enterprise Funds						

Alternatives

1. Continue to provide staff work space in the existing structure.
2. Lease a new modular unit.
3. Evaluate other locations for possible Parks Division offices.

Project Effect on Operating Budget

Reduced maintenance and savings to the City.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation Administration
 REQUEST TITLE: Restroom Replacement/Relocation at Vinewood Park

Project Description

Replace and relocate the existing metal structure with a new modular restroom that meets current building codes and Title 24 requirements.

Project Objectives

Replace and relocate the existing 20 plus year structure that is not handicap accessible; also relocate the new structure so the restroom can be accessible by all park users.

Existing Situation.

The existing structure has been repaired over the past 10 plus years. Repairs have consisted of rusty panel replacement, roof repairs and numerous coats of paint.

Project Work Completed

Design work will be done in-house.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$130,000				\$130,000
Total		\$130,000				\$130,000
Recommended Funding Sources						
Capital Outlay Fund		\$130,000				\$130,000
Enterprise Funds						

Alternatives

Continue to repair and provide the current restroom facility. Funding sources may include grant funds.

Project Effect on Operating Budget

Reduced maintenance and savings to the City for City facilities.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation Administration
 REQUEST TITLE: Vinewood Park – Irrigation System Retrofit

Project Description

Replace the old and outdated sprinkler heads, booster pump, valves, quick couplers, wire and controller. The overall project would be phased over two years.

Project Objectives

Replace the old and outdated equipment with new irrigation technology and reduce the maintenance cost at this facility. By phasing the project in north and south sections, water can be applied more efficiently to the turf.

Existing Situation.

The existing irrigation system is inadequate and needs numerous hours of maintenance during the summer months.

Project Work Completed

Design will be done in-house.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction			\$140,000	\$150,000		\$290,000
Total			\$140,000	\$150,000		\$290,000
Recommended Funding Sources						
Capital Outlay Fund			\$140,000	\$150,000		\$290,000
Enterprise Funds						

Alternatives

Continue to maintain and provide high maintenance to the existing irrigation system.

Project Effect on Operating Budget

Reduced maintenance and savings to the City.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation
REQUEST TITLE: Restroom Replacement at Beckman Park

Project Description

Replace the existing metal structure with a new modular restroom that meets current building codes and Title 24 requirements.

Project Objectives

Replace the existing 20 plus year structure that is not handicap accessible; also reconfigure the restroom so that the restroom doors are facing Ham Lane.

Existing Situation.

The existing structure has been repaired over the past 10 plus years. Repairs have consisted of rusted through panel replacement, roof repairs and numerous coats of paint.

Project Work Completed

Design work will be done in-house.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction			\$120,000			\$120,000
Total			\$120,000			\$120,000
Recommended Funding Sources						
Capital Outlay Fund			\$120,000			\$120,000
Enterprise Funds						

Alternatives

Continue to repair and provide the current restroom facility. Funding sources may include grant funds.

Project Effect on Operating Budget

Reduced maintenance and savings to the City for City facilities.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks and Recreation Administration
REQUEST TITLE: Lodi Lake Central Area Improvements

Project Description

This project was identified by City Council as a priority and includes improvements to Lodi Lake central area. A site plan of improvements has been produced and approved. Improvements include new irrigation, added turf areas, removal and replacement of asphalt paving, building ramps, walkways and landscaping. The project also includes construction of a new parking lot from west of entry to the beach house from Turner Road to the Discovery Center.

Project Objectives

To improve the site.

Existing Situation.

The park is in need of improvements due to its age.

Project Work Completed

This is part of the ongoing improvements based upon the Park, Recreation and Open Space Plan, adopted in 1994. Staff will design the project in-house and in keeping with work already completed at the entry and beach areas of the park.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design	In-house					
Acquisition						
Construction			\$1,250,000			\$1,250,000
Total			\$1,250,000			\$1,250,000
Recommended Funding Sources						
Capital Outlay Fund			\$1,250,000			\$1,250,000
Enterprise Funds						

Alternatives

Funding source undetermined but may include: grant funds, capital outlay fund, or other sources.

Project Effect on Operating Budget

Upon development, facility must be maintained by staff.

2003-2005 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Library
REQUEST TITLE: Upgrade integrated library computer system

Project Description

Upgrade the current server for the library's automated circulation and catalog computer system and install PC's to replace terminals used for the online catalog and circulation functions and install separate air conditioning unit in computer rack area.

Project Objectives

- 1) Increase computer capacity for future expansion of the library's automated systems
- 2) Provide the public with computer stations allowing access to a variety of information sources, including Internet access to simultaneously search other library catalogs for materials.
- 3) Provide the opportunity for library users to access the library from their home, school or business via the Internet and conduct library business
- 4) Remodel and install a separate cooling unit in the computer rack area to provide a climate controlled facility for the library's servers

Existing Situation

Currently the library's server is failing. The server holds the bibliographic and patron databases that support the automated circulation and catalog system and the online card catalog. The manufacturer of the server suspended support for the server in 1999 necessitating an upgrade. GEAC, the vendor for the library's automated system, suspended support for the server in April 2002. In addition the software package provided by GEAC is not undergoing further developments or upgrades. The current public catalog stations are dumb terminals capable of accessing only the library's database. Upgrading to PCs with a graphical user interface (GUI) for Internet access will allow patrons to access Lodi's catalog as well as other resources added in the future. Our library users are already familiar with accessing the catalogs of neighboring libraries in Stockton and Sacramento via the Internet. They expect the same service from their local library. In September 2000 the server was moved to the computer rack room with the LAN (Local Area Network) server and the Gates grant server. The room was originally designed as an office/maintenance closet for a custodial position. Modifying the room to provide a separate cooling system would benefit the servers and their peripheral pieces of equipment, which generate considerable amounts of heat.

Project Work Completed

In spring 2002 Lodi Public Library in conjunction with Stockton-San Joaquin County Public Library issued a Request for Proposal to share an integrated library system with Stockton and Amador County. Simultaneously the Lodi Public Library issued an RFP for a stand alone system housed at Lodi Public Library and administered by Lodi Public Library. Following the receipt of responses the library systems jointly viewed vendor demonstrations and interview vendor customers. The Lodi Public Library administration determined that the most economical method for achieving the goal of a fully functional integrated library system was to partner with Stockton-San Joaquin County Public Library.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-6	2006-7	Project Total
Phasing						
Study		4,000				
Design						
Acquisition		200,000				
Construction			35,000			
Total						239,000
Recommended Funding Sources						
City Capital Outlay Fund			\$239,000			239,000
Total						

Alternatives

Project Effect on Operating Budget

2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Community Center Facilities Services
REQUEST TITLE: Purchase of Pickup Truck

Project Description

Purchase one pickup truck in 2003/2004 as an additional vehicle for the Hutchins Street Square Maintenance staff to share, and obtain equipment and accessories to fully equip the truck for duty. This truck will be an addition to the City fleet. Current vehicle is a donated lease vehicle from the Alternative Fuel Vehicle program.

Project Objectives

1. Ensure that the Hutchins Street Square Maintenance staff has the type of vehicle they need for daily support of the facility.

Existing Situation

Currently, we have an donated, leased, electric Ford Ranger pick-up truck with limited range for staff to use. The lease for this vehicle will be up in September of 2003. At which time the Square will not have a vehicle for day-to-day operations.

Additionally, the current vehicle does not allow staff to pick up needed material or tow items for use at the Square due to the fact that it is an electric vehicle with limited power and range. For large jobs, staff must borrow larger, powerful vehicles from other departments to take care of daily needs, and special events. This creates a conflict for other departments.

A new pickup truck equipped with utility box, sprayed in bed liner, rear window guard/rack, 2-way radio, and accessories will cost \$29,000.

Schedule and Project Costs

	Prior Budgets	2003/04	2004/05	Project Total
Phasing				
Study				
Design				
Acquisition		\$29,000		\$29,000
Construction				
Total		\$29,000		\$29,000
Recommended Funding Sources				
Capital Equipment Fund		\$29,000		\$29,000
Total		\$29,000		\$29,000

Alternatives

Search for donor.

Impose on other departments on a daily basis for use of their vehicles. Not advised.

COMMUNITY & ECONOMIC DEVELOPMENT



2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Engineering
REQUEST TITLE: High Resolution Geographic Information System Control Survey

Project Description

This project provides the corner stone for future implementation of a Geographic Information System. The services to be provided by an outside survey firm will establish horizontal and vertical coordinates at approximately 20 locations around the City. Generally, the locations will correspond to section corners. The survey will tie some existing City control points to each other and the statewide coordinate system. The work will be performed utilizing high-resolution global position satellite survey techniques.

The project would occur in two phases. The first phase would complete the surveys, calculations, and adjustments. The second phase would construct the control monuments in the field and file a Record of Survey showing the locations of the control monuments.

Project Objectives

A primary objective of this project is to create a standardized set of control points that will be used to facilitate development, engineering, and planning. In addition, it provides the basis for the development of a comprehensive and accurate Geographic Information System. Existing data bases for infrastructure mapping, tree inventories and subdivision maps would eventually be linked to the control network. Future mapping of Electric Utility facilities would be also be linked to the new control points.

Existing Situation

Presently, the City uses a variety of control points that are randomly selected, partly based upon convenience and location. In the downtown area and to the east, the control points are either non-existent or not relationally accurate with respect to vertical and horizontal coordinate values.

Project Work Completed

Staff has met and reviewed control networks established by other Cities in the region to determine the most cost effective approach to this project.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Construction		\$ 50,000				\$50,000
Total		\$ 50,000				\$50,000
Recommended Funding Sources						
Water Capital Outlay		\$ 12,500				\$12,500
Wastewater Capital Outlay		\$ 12,500				\$12,500
Impact Mitigation Fees		\$ 12,500				\$12,500
Electric Utility		\$ 12,500				\$12,500
TOTAL		\$ 50,000				\$50,000

Project Effect on Operating Budget: There would be additional operating costs associated with this project.

GENERAL GOVERNMENT

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2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: City Council
REQUEST TITLE: Five (5) Notebook Computers for Council's use in accessing the electronic Council agenda/packet

Project Description

Purchase of five (5) notebook computers for Council's use in accessing the electronic Council agenda/packet.
 w/minimum of:

- Intel Pentium III Processor at 800MHz-M
- 12.1" XGA display
- CD-ROM, CD-RW, CD-RW/DVD Combination drive
- Internal Hard drives at 30 GB2
- Modem and networking devices integrated directly on the motherboard for integrated wireless networking
- 128MB Shared SDRAM memory

Project Objectives

Pursuant to Council's major goals/objectives:

To ensure an efficient and productive City organization through:

- Enhanced access to information through technology
- Improved customer service

Public Trust:

- Ensure open, accessible public meetings

An electronic Council agenda/packet will provide the following benefits:

1. Improved customer service and public trust by providing internet access to City Council agendas and packets (i.e. all staff reports and
2. Savings in paper and staff time by eliminating the laborious process of duplicating and assembling Council packets.

Existing Situation

Following final review and approval of the completed Council agenda and packet, the City Clerk's Office assembles, duplicates, and distributes 200 agendas and 25 packets. This process, consisting solely of regular City Council meeting hard copy duplication, assembly, and distribution, takes an average of four hours twice each month. Staff time increases when late documents or changes are received, due to the necessity of manually inserting the additional pages in the packet binders.

Public access of the Council packet is limited to hard copies on file in the City Clerk's Office, the Library, and at the night of the meeting in the Council Chamber.

Project Work Completed

Power outlets and wireless data capability now exist at the Council dais and staff table in the Carnegie Forum Council Chamber. The City Clerk's Office is currently developing a procedure to produce an electronic Council agenda/packet.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study	0	0	0	0	0	0
Design	0	0	0	0	0	0
Acquisition	0	\$12,500	0	0	0	\$12,500
Construction	0	0	0	0	0	0
Total	0	\$12,500	0	0	0	\$12,500
Recommended Funding Sources						
Capital Outlay Fund						

Project Effect on Operating Budget – N/A

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Non-Departmental Services – Special Payments

REQUEST TITLE: That the City contribute \$50,000 per year (five-year maximum) to the Salvation Army Capital Campaign Fund for the establishment of the Hope Harbor Shelter.

Project Description

The project moves the shelter from the current 5000 square foot site at 19 N. Sacramento Street to a 17,000 square foot facility north of Lockeford Street. The new facility will house and sleep more than 80 men and 30 women and their children. (There is currently no emergency shelter in the City of Lodi that serves women or children) The new food bank will increase the current capacity for food collection, storage, and distribution by approximately five times. Estimated cost for the total project currently exceeds \$1.5 million.

Once the project is complete, the current shelter facility, housed in an historic downtown location, will be available for sale and renovation, further improving the viability of the revitalized downtown, in which the City has made considerable investments.

The Lodi City Council voted by Motion on October 3, 2001 to “authorize the City of Lodi to participate with the Salvation Army in funding a new homeless shelter at 622 N. Sacramento Street in the amount of \$250,000 over a five-year period, or less, with the funding source to be determined each year during the budget process”.

Project Objectives

To serve the needs of the homeless in Lodi and to further promote the revitalization of Downtown.

Existing Situation

The Army has secured a construction loan for the project in order to expedite the move which is desperately needed. The City's commitment, as declared by Council motion on October 3, 2001, was used along with numerous private and public agency pledges to obtain the loan.

Project Work Completed

The Salvation Army anticipates that the new shelter will be open by the end of the calendar year 2003.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	2007-08	Project Total
Phasing							
Grant		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Total		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Recommended Funding Sources							
Capital Outlay Fund							
Enterprise Funds							
Redevelopment Agency		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000

Project Effect on Operating Budget

Since recommended funding source is the Redevelopment Agency, no effect on operating budget is anticipated

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Information Systems Division
REQUEST TITLE: Approve allocation for PC Replacement Fund

Project Description

The PC Replacement Fund has been the source of funds for replacing retired computer hardware and peripheral equipment such as printers. The need to replace older, retired equipment will continue during this budget cycle.

Project Objectives

The purpose of this request is to ensure that the City has sufficient funds to replace vital computer equipment, on an as-needed basis.

Existing Situation

The City currently has almost 500 personal computers and servers in its inventory. Each year a certain number of these units are retired because they break and are irreparable, or they no longer serve the needs of the user and are taken out of service.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction						
Total						
Recommended Funding Sources						
Capital Outlay Fund	75,000	75,000	75,000			
Enterprise Funds						

Project Effect on Operating Budget

By consolidating its computer replacement funds, the City is better able to control expenditures in this area. Computer equipment is not normally replaceable based upon age alone. There must be a demonstration that the equipment is not able to meet the needs of the user or that it has reached the end of its useful life. More often than not, the City's computers are kept in service until it is no longer practical to do so, at which time they are replaced or rebuilt.

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Finance - Purchasing
REQUEST TITLE: Add transformer storage capacity

PROJECT DESCRIPTION

Purchase and install outdoor storage racks for smaller polemount and padmount transformers.

PROJECT OBJECTIVES

To improve space utilization at the Electric Utility Department's MSC storage facility

EXISTING SITUATION

Storage space for transformers, poles, electrical cable, concrete vaults and conduit is increasingly impacted at the Municipal Service Center. Currently, a 60-foot long steel rack provides vertical storage capacity for polemount and smaller padmount transformers. However, in 2002, EUD began storing materials offsite because of space constraints at MSC.

SCHEDULE AND PROJECT COSTS

	2003-04	2004-05	Total
6' x 60' Concrete Pad and 3-level galvanized storage rack		\$11,000	\$11,000
Recommended Funding Source			\$11,000

Alternatives

1. Seek additional off-site storage space
2. Get rid of the surplus vehicles to free up storage space at MSC
3. Sell some of the surplus cable to free up storage space at MSC

2003-2005 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Library
REQUEST TITLE: Replace Library Carpeting

Project Description:

Replace worn, faded, unattractive carpeting and baseboards in library's public reading and book stack areas. Replace tile flooring in the children's activity room.

Project Objectives: Create a pleasing, attractive and inviting environment for the public and library staff.

Existing Situation:

Built in 1978, the library's décor is the traditional orange, gold and brown of that era. The carpeting is worn and faded and the floor tiles are cracking. The carpet padding has disintegrated in high traffic areas. The library board commissioned the development of a Library Facilities Master Plan in 2001 and the completed plan was adopted and endorsed by the Library Board of Trustees and the City Council in April 2002. The plan recommends the expansion and remodeling of the existing library facility.

Project Work Completed:

The library refurbished the Community Room/Lobby areas of the facility during 2002. However, renovation of the main library facility is interrelated with and dependent upon the recommendations resulting from the Library Facilities Master Plan study. Since the expansion project is on the city capital improvement timeline for completion at least eight years in the future, the replacement of the existing carpet in the public area is advised at this time.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	Project Total
Phasing					
Study		2,000			
Design					
Acquisition		135,000			137,000
Construction					
Total					
Recommended Funding Sources					
Capital Outlay Fund		2,000			
		135,000			
Total		137,000			137,000

Alternatives:

Project Effect on Operating Budget: None

2003-2005 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Repair Library Drainage System

Project Description:

Replace/repair the drainage system for the Lodi Library.

Project Objectives:

Provide a drainage system for rainwater that works:

- 1) Provide a drainage system that does not put the basement at a risk for flooding
- 2) Provide a drainage system that reduces energy consumption

Existing Situation:

The Library was built in 1978, and the drainage system installed at that time is still in use. The existing drainage system is designed to route all rainwater runoff, including roof rainwater and surface parking lot runoff, into the basement, where it must be pumped out. Additionally, the holding sump is located within a few feet of the main electrical service panel. Several times when large amounts of rain have fallen quickly the pumps fail to keep up. Other times the pumps and/or alarms have not worked, causing the basement to quickly flood. This creates an extremely inefficient, as well as hazardous, condition.

Studies of the library's drainage system by our Public Works Engineering Division indicate that the system needs replacing or significant modification to work effectively. This will require additions of rainwater leaders and some reconstruction of the adjoining parking lot.

It is suggested that the drainage system be modified to collect the majority of the runoff from the roof, and the parking lot surface water, and gravity flow it into the street gutters and catch basins. This will eliminate the need to mechanically pump the water from the basement.

Project Work Completed:

Preliminary evaluation of the existing system and design for its correction has been completed, including a cost estimate.

Schedule and Project Costs

	Prior Budgets	2002/03	2003/04	2004/05	2005/06	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction			\$ 55,000			\$55,000
Total			\$ 55,000			\$55,000
Recommended Funding Sources						
Capital Outlay Fund			\$ 55,000			\$55,000
Total			\$ 55,000			\$55,000

Alternatives: Continue repairing and patching the existing system as needed, and risk basement flooding.

Project Effect on Operating Budget:

The new drainage system should reduce operating expenses in the utility category by being energy efficient, and emergency repair costs and call-outs will be substantially reduced.

2003-2005 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Replace Library Heating, Ventilation and Air Conditioning System

Project Description:

Replace the physical plant and peripheral equipment for the library's heating, ventilation and air conditioning system.

Project Objectives:

Create a healthy, comfortable environment for library customers, staff and library materials:

- 1) Provide a control system that efficiently maintains a set temperature
- 2) Provide a HVAC system that reduces energy consumption
- 3) Provide an environment for valuable library materials that increases their longevity

Existing Situation:

The Library was built in 1978 with a federal public works economic development grant. All heating, ventilation, and air conditioning (HVAC) equipment and controls installed at that time are still in use. The existing heating and cooling system has needed extensive repair, adjustments and calibrations in the past several years. Maintaining tolerable temperatures in public and staff areas for either heating or cooling conditions is becoming increasingly difficult. The system controls are pneumatic, extremely difficult to regulate and have become unreliable. Calibrating the controls is next to impossible, and some controls have ceased to function accurately. In some instances parts for the HVAC system have been unavailable and measures to repair the machinery have created interim solutions that will only be remedied by replacing the system. This past four fiscal years over \$15,000 has been invested in the HVAC system, and emergency repairs are becoming more frequent. Three years ago the boiler system began to fail repeatedly, leaving the building totally without heat.

Initial studies of the library's heating and cooling infrastructure by multiple HVAC service companies, technicians, and mechanical engineers indicate that the system needs replacing and that some system components are insufficient in capacity for the size of the library building.

It is suggested that the pneumatic control system be replaced with a computer controlled one, and that a variable air volume (VAV) design, which allows for better individual zone temperature control, be put in. The major concern is this will require removal of the existing ceiling. Because of this, replacing existing lighting with more energy efficient lighting should be considered at the same time. That project was included in a separate budget proposal.

Project Work Completed:

Preliminary evaluation of the system has been completed with an outline of recommended solutions submitted.

Schedule and Project Costs

	Prior Budgets	2003/04	2004/05	2005/06	2006/07	Project Total
Phasing						
Study						\$10,000
Design		\$10,000				
Acquisition						\$600,000
Construction			\$600,000			Not Applicable
Total		\$10,000	\$600,000			\$610,000
Recommended Funding Sources						
Capital Outlay Fund		\$10,000	\$600,000			\$610,000
Total		\$10,000	\$600,000			\$610,000

Alternatives: Continue repairing and patching the existing system as needed.

Project Effect on Operating Budget:

The new equipment should reduce operating expenses in the utility category by being energy efficient, and emergency repair costs will be substantially reduced.

2003-2005 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Safety
REQUEST TITLE: Public Safety Building & Civic Center Complex

Project Description:

The ongoing Public Safety Building & Civic Center Complex Project has three Design/Construction phases left to complete:

Phase I includes the remodel of the Carnegie Basement for the Information Systems Division.

Phase II includes remodeling the existing Public Safety Building (PSB) for Fire Administration and Station #1 plus Public Works and Community Development, and remodeling City Hall to allow for expansion for remaining departments and to move the Finance Department back into the building.

Phase III is the addition of a Parking Structure at Church/Elm.

NOTE: The upgrade of Fire Station #2, previously included, is now being requested as a separate project.

Project Objectives:

The objectives of this project are to:

- Provide an adequate and safe working environment for public safety and other City staff;
- Provide for growth;
- Maintain significant public facility presence in the Downtown;
- Be complementary to the Civic Center and Downtown.

Existing Situation:

The Council has approved moving ahead with design/construction of the new Police Facility and a Space Needs Assessment for all Civic Center Departments considering the availability of the old Public Safety Building and Carnegie basement. The new Police Building is now under construction and due to be completed in January 2004, and the Space Needs Assessment is underway. Options on where to locate Civic Center Departments were pursued and evaluated.

Recommendations were to: 1) Move the Information Systems Department into the Carnegie basement; 2) Move Fire Administration, Public Works, and Community Development Departments into the PSB; 3) Leave Fire Station #1 in the PSB and remodel, providing additional space; 4) Move Finance into City Hall; 5) Expand spaces for Human Resources; and 6) Relocate other functions within City Hall to use basement space for support functions rather than full-time staff.

Conceptual Design contracts for the Public Safety Building Remodel and Civic Center Parking Structure have been implemented. Fire Administration was relocated for the interim into the Lodi Station Parking Structure. Design work has begun to temporarily relocate the Finance Department into the Lodi Station Parking Structure as well.

This request provides for funding for each of the three phases, in order to keep moving all components of this project forward. The Carnegie Basement Remodel should begin as soon as the Police Detectives Division moves out, and the remodels of the Public Safety Building should follow, with the remodel of City Hall following immediately afterwards.

Schedule and Project Costs

	Prior Budgets	2003/04	2004/05	2005/06	2006/07	Project Total
Phase I						
Carnegie Basement Remodel Design /Construction		\$100,000				\$100,000
Phase II						
Old Public Safety Remodel Design		\$300,000				\$300,000
Construction			\$2,800,000			\$2,800,000
City Hall Remodel Design			\$75,000			\$75,000
Construction				\$425,000		\$425,000
Phase III						
Civic Center Parking Structure Design /Construction					\$6,100,000	\$6,100,000
Total		\$400,000	\$2,875,000	\$425,000	\$6,100,000	\$9,800,000

Funding Sources: Debt financing with repayment from Development Impact Mitigation Fees and General Fund.

Project Effect on Operating Budget

Some increase due to additional square footage additions, somewhat offset by use of more efficient HVAC and lighting system (not estimated). While parking structure is intended to provide free parking initially, possible future charges for permits/parking will offset operating costs.

**2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Evaluation of Lodi Arch

Project Description

Hire a consultant, knowledgeable of Historical Landmark restoration guidelines, to evaluate the condition of the Lodi Arch, at Pine and Sacramento Streets.

Project Objectives

Evaluate the Lodi Arch and determine any necessary electrical and structural repairs that should be made, and develop a plan to correct those before its 100th Anniversary.

Existing Situation

The historic Lodi Mission Arch was built in 1907, and is soon approaching its 100-year anniversary. Recently the bear atop the arch was restored, thanks to generous contributions of time and money from many local citizens, organizations, and businesses in partnership with the City of Lodi. The Arch was painted and had minor exterior repairs done at that time as well. The electrical wiring, although receiving some updating in past years, needs to be evaluated. The large "acorn-shaped" light globes are not the shape of the originals, and the small lights on the underside of the arch are old and in need of repair. The Arch has had various efforts of maintenance and repair work done on it over the years, but should be evaluated and a plan developed for its restoration, if needed.

Schedule and Project Costs

	Prior Budgets	2003/04	2004/05	2005/06	2006/07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$20,000				\$20,000
Total		\$20,000				\$20,000
Recommended Funding Sources						
Capital Impr. Replacement Fund		\$20,000			Total	\$20,000
		\$20,000				
GRAND TOTAL		\$20,000				\$20,000

Alternatives

1. Do nothing. Wait until there are problems or failures that can't be ignored, due to the Arch's location.

Project Effect on Operating Budget

1. Reduce potential failure of additional light fixtures on the Arch.

**2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Roof Replacement at Radio Room / Facilities Services Offices/Shop

Project Description

Replace the roof at the Radio Room / Facilities Services Offices/Shop.

Project Objectives

Replace the existing thirty-six-year-old roof with new built-up or single-ply systems.

Existing Situation

The roof on the Radio Room / Facilities Services Offices/Shop was installed when the facility was constructed in 1967. The roof has had varying amounts of maintenance and repair work done on it since then, but has not been replaced.

The Citywide roof survey identified this roof as a candidate for priority replacement. It has exceeded its useful life and is leaking, even through an increasing number of annual repairs and patches. It is becoming unreliable and needs immediate attention. **Particularly, a severe rainstorm in December 2002 caused extensive water damage to critical radio equipment that supports the City Police and Fire operations and San Joaquin County emergency and dispatching equipment; the value of this room's equipment is in excess of \$1.5 million dollars.** The attached roof plan (shaded portion) indicates the approximate 1,230 square feet of roof that needs replacing in 2003/04. The carport roof adjoining this structure is NOT scheduled to be replaced, due to the consideration that it will be modified or eliminated as part of the Public Safety Building Remodel, in order to allow improved pedestrian traffic between City Hall and the PSB.

Schedule and Project Costs

	Prior Budgets	2003/04	2004/05	2005/06	2006/07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$15,000				\$15,000
Total		\$15,000				\$15,000
Recommended Funding Sources						
Capital Impr. Repl. Fund		\$15,000				\$15,000
Total		\$15,000				\$15,000
GRAND TOTAL		\$15,000				\$15,000

Alternatives

1. Incur ever-mounting repair costs and loss of reliability by failing to replace this roof. Delaying its replacement further jeopardizes the critical equipment and staff in the building it should be protecting.

Project Effect on Operating Budget

1. Eliminate costly maintenance expenses for this aging roof.
2. Reduce leaks and potential damage to mission critical equipment.

**2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Generator Replacement at Electric Utility Department, MSC

Project Description

Replace the emergency generator at Electric Utility Department, MSC, 1331 S. Ham Lane.

Project Objectives

Replace the existing twenty-year-old generator with a new generator.

Existing Situation

Unit #04-267 is a 15 kW Kohler generator purchased and installed in 1983. The generator has had various maintenance and repair work done on it since then, is in poor condition, and parts are hard to find and costly. This generator is a candidate for replacement and should be changed out.

The Electric Utility Department has added new equipment that should be supported by emergency power, and should use this opportunity to confirm that the size of the generator is large enough to meet any additional equipment anticipated. The new generator should support the Emergency Radio Dispatch and equipment of Lodi Control, including computers, HVAC, well and pump monitoring equipment, outlets and lights. In addition, this generator should be upgraded and sized to support some Fleet Shop circuits, especially the fueling operations.

Project Cost Detail

Generator, 30 kW (propane powered), installed	\$30,000.00
Misc. electrical, automatic transfer switch, trench work, etc.	\$15,000.00
Total	\$45,000.00

Schedule and Project Costs

	Prior Budgets	2003/04	2004/05	2005/06	2006/07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$45,000				\$45,000
						Not Applicable
Total		\$45,000				\$45,000
Recommended Funding Sources						
Electric Utility		\$45,000			Total	\$45,000
		\$45,000				
GRAND TOTAL		\$45,000				\$45,000

Alternatives

1. Incur ever-mounting repair costs and loss of reliability by failing to replace this generator. Delaying its replacement further jeopardizes the EUD's emergency operations, and the people it should be serving.

Project Effect on Operating Budget

1. Eliminate costly maintenance expenses for this aging generator.
2. Reduce potential liability of inoperable equipment due to generator failure.

**2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Generator Replacement / Upgrade at Fire Station #3

Project Description

Replace the emergency generator at Fire Station #3, 2141 S. Ham Lane.

Project Objectives

Replace the existing twenty-nine-year-old generator with a new generator and automatic starting and transfer switches, upgrading to a larger size generator able to handle additional Station loads and requirements.

Existing Situation

Fire Station #3 was constructed in 1974 and the existing generator was installed at that time. This 75 KW generator has had various maintenance and repair work done on it since then, is in very poor condition, and parts are hard to find and costly. This generator was a candidate for replacement years ago, but was never changed out.

In subsequent years the Fire Department has added new equipment that should be supported by emergency power, and should use this opportunity to size a generator large enough to meet the additional requirements. The new generator should support the Emergency Radio Dispatch, living quarters HVAC, kitchen outlets and lights, Self Contained Breathing Apparatus (SCBA) Compressor, Portable Radios battery chargers, and the Nederman Vehicle Exhaust System. Particularly, the air bottles filled by the SCBA compressor are only done at this Station (serving all the Fire Stations and other Fire Districts as well), and must be backed up by emergency power.

The Fire Department is also concerned that in the event of an earthquake the natural gas line could be cut and the Station will not have power, so they are requesting that it be converted to an on-site power source.

Project Cost Detail

208v, 400amp, 125KW (diesel, gas, propane),	\$25,000.00
Automatic transfer switch	\$ 4,000.00
Installation	\$ 4,000.00
Roll-up service door	\$ 2,500.00
Misc. electrical	\$ 4,000.00
Misc. integration (ventilation, etc.)	<u>\$ 4,000.00</u>
Total	\$43,500.00

Schedule and Project Costs

	Prior Budgets	2003/04	2004/05	2005/06	2006/07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$43,500				\$43,500
Total		\$43,500				\$43,500
Recommended Funding Sources						
Capital Impr. Replacement Fund		<u>\$43,500</u>			Total	\$43,500
		\$43,500				
GRAND TOTAL		\$43,500				\$43,500

2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Generator Replacement / Upgrade at Fire Station #3

Alternatives

1. Incur ever-mounting repair costs and loss of reliability by failing to replace this generator. Delaying its replacement further jeopardizes the Fire Station, its emergency operations, and the people it should be serving.
2. Replace this generator with one of similar size as existing (not upgrade), and do not add additional circuits to support new equipment, which would save approximately \$20,000.

Project Effect on Operating Budget

1. Eliminate costly maintenance expenses for this aging generator.
2. Reduce potential liability of inoperable equipment due to generator failure.

**2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Fuel Dispenser Replacement & Fuel Card System Addition
 at Public Safety Building

Project Description

Replace the existing fuel dispenser at the Public Safety Building, 230 W. Elm Street, and add a Fuel Card System.

Project Objectives

Replace the existing thirty-six-year-old fuel dispenser with a new fuel dispenser and fuel card system.

Existing Situation

The fuel dispenser at the PSB was installed in 1967. The single-hose fuel dispenser has had various maintenance and repair work done on it since then, is in very poor condition, and parts are hard to find and costly. The dispenser has been out of service numerous times in recent years. The Police Department and other City departments rely on this dispenser to fuel their City vehicles, and must travel to the Municipal Service Center (MSC) when it is out of commission. This fuel dispenser is a candidate for replacement and should be changed out.

A new Fuel Card System was recently installed at the MSC as part of the Compressed Natural Gas (CNG) Fueling Station installation. This card system has the capability to manage secondary sites, if tied to them remotely via phone lines. The existing system of logging by hand the amount of fuel used is out of date and error-prone. Consideration should be given, if cost effective, to add a Fuel Card System at the Parks & Recreation site as well.

Project Cost Detail

Fuel dispenser, installed	\$48,000.00
Fuel Card System	\$20,000.00
Misc. electrical	\$ 1,000.00
Total	\$69,000.00

Schedule and Project Costs

	Prior Budgets	2003/04	2004/05	2005/06	2006/07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$69,000				\$69,000
Total		\$69,000				\$69,000
Recommended Funding Sources						
Capital Impr. Replacement Fund		\$69,000			Total	\$69,000
		\$69,000				
GRAND TOTAL		\$69,000				\$69,000

Alternatives

1. Do nothing. Incur ever-mounting repair costs and loss of reliability by failing to replace this fuel dispenser. Delaying its replacement further jeopardizes the City's fueling operations, and inconveniences the people it should be serving.
2. Evaluate an option of using an outside vendor (gas station) for fueling.

Project Effect on Operating Budget

1. Eliminate costly maintenance expenses for this aging fuel dispenser.
2. Reduce potential liability of inoperable equipment due to fuel dispenser failure.

2003-05 FINANCIAL PLAN & BUDGET

CAPITAL BUDGET DETAIL BY MISSION - Replacement Vehicle Requests

Pg #		2003-04 Requested Cost	2004-05 Requested Cost	Comments
	Public Safety			
	Police Protection			
	Police Investigations			
1	Undercover units (3 each year)	88,200	92,400	defer year one
	Police Operations			
3	Parking Enforcement Scooter (1)	29,100		
4	Motorcycles (1 each year)	21,000	22,000	
6	Patrol sedans ((5 each year)	154,875	162,250	defer year one
	Fire Safety			
	Emergency Services			
8	Staff vehicle (2)	34,000	34,000	defer year one
	Total Public Safety	327,175	310,650	
	Public Utilities			
	Water Utility Services			
	Water			
9	1/2 Ton Extended Cab Pickup	30,730		04-069
	Wastewater Utility Services			
10	Air Compressor	12,910		04-094 1/2 Water. 1/2 WW
	Electric Utility Services			
	Electric Utility			
	Electric Construction & Maintenance			
11	Flatbed dump truck		105,000	09-042
	Total Public Utilities	43,640	105,000	
	Transportation			
	Streets and Flood Control			
	Street Cleaning			
12	Street Sweeper	200,000		04-105 WW
	Transit			
	Transit			
13	Fleet vehicles (2 each year)	175,000	175,000	defer year one
	Total Transportation	375,000	175,000	
	Leisure, Cultural & Social Services			
	Parks and Recreation			
	Equipment Maintenance			
14	Turf Vehicles (3 each year)	60,000	60,000	recommend \$20,000 & \$40,000
15	1/2 Ton Pickup Truck	26,000		07-037 - defer one year
16	Extended Cab Pickup Truck	28,000		7035
	Total Leisure, Cultural & Social Services	114,000	60,000	
	TOTAL OPERATING BUDGET	859,815	650,650	
	FUNDING LEVELS:			
	EQUIPMENT FUND	100,000	300,000	
	TRANSIT	175,000	175,000	
	ELECTRIC FUND	-	105,000	
	WATER FUND	37,185	-	
	WASTEWATER FUND	206,455	-	
		518,640	580,000	

The above is a listing of replacement vehicle requests. Per the Budget and Fleet Policies, a funding level has been set and approved by Council. The funding level may not allow for all the requests to be filled. The Fleet Committee will recommend to the City Manager all vehicles to be replaced during the year based on criteria stated in the Fleet Policy and the available funding levels.

2003-05 FINANCIAL PLAN & BUDGET

CAPITAL BUDGET DETAIL BY ACTIVITY

PG #		2003-04 Requested Cost	City Manager Recommended	2004-05 Requested Cost	City Manager Recommended	Comments
	Public Safety					
	Police Department					
1	Police Outdoor Range	50,000		350,000		
	Animal Shelter					
2	Animal Shelter Expansion	1,865,000		1,865,000		
	Fire Department					
3	Base station Emergency Alerting System	12,000	12,000			GF capital
4	Restoration of Seagrave's Pumper	15,000		15,000		GF capital
5	Purchase Fire Engine (2)	83,300	83,300	83,300	83,300	lease purchase
6	Rescue Trailer & Equipment			47,500		
7	Vehicle - City Match to Grant	15,000	15,000			
8	Fire Station #2 replacement	140,000		1,700,000	140,000	GF cap & financing
	Total Public Safety	2,180,300	110,300	4,060,800	223,300	
	Public Utilities					
	Water Utility Services					
	Water					
19	Water System Capital Maint	1,515,000	1,515,000	1,640,000	1,340,000	
20	Water System Capital Expansion	950,000	950,000	2,420,000	2,420,000	IMF and water
21	Trailer Mounted Vacuum System	43,430	43,430			100% water
	Wastewater Utility Services					
22	Replace WS headwork sluice gate	15,000	15,000			
23	WS professional services	40,000	40,000			
24	Replace WS primary sedimentation tank	15,000	15,000	15,000	15,000	
25	Upgrade WS telephone system	42,000				
26	Replace WS lab ceiling tile & light fixtures	15,000				25% Public Benefits funding
27	WS facility improvements	18,365,000	18,365,000	365,000	365,000	rate increase - 22%
28	Replace roof - WS boiler/Influent pump build	15,000	15,000			
29	storm drainage system expansion	181,000	181,000	1,285,000	1,285,000	IMF
30	Storm drainage system capital maint	126,000	126,000	105,000	105,000	
31	Collection system capital maint	1,100,000	1,100,000	700,000	700,000	
	Electric Utility Services					
	Electrical Services					
32	Replace data server & tape drives			12,000	12,000	
	Electric Construction & Maintenance					
34	Purchase overhead line puller/tensioner	80,000				
35	Line Ext, Serv Connect, Substructures	1,036,000	1,036,000	1,100,000	1,100,000	
	Line extensions (\$650,000)					
	Service Connections (\$160,000)					
	Substructures (\$160,000)					
	Revenue Metering (\$66,000)					
36	Distribution system improve, Dusk to Dawn	919,200	919,200	1,083,200	1,083,200	
	Distribution system improve (\$917,000)					
	Dusk to Dawn lighting (\$2,200)					
38	Streetlight improvement	1,100,000	1,100,000	950,000	950,000	
39	60 Kv Transmission line	476,500	476,500	648,250	648,250	
40	Fiber optic system	655,000	655,000	82,500	82,500	
41	Streetlight standards upgrade	87,500	87,500	87,500	87,500	
	Substation Construction & Maint					
42	Purchase 80 Kv DC HiPot Insulation Tester	12,000	12,000			
43	Purchase Digital Micro-Ohmmeter			12,000	12,000	
44	Substation re-construction	1,505,000	1,505,000	1,114,000	1,114,000	
	Engineering & Operations					
47	Replace metering circuit analyzer	11,500	11,500			
	Total Public Utilities	28,305,130	28,168,130	11,619,450	11,319,450	
	Transportation					
	Streets and Flood Control					
48	MSC restroom/locker room expansion	150,000	150,000			street IMF, W & WW IMF
49	Reconstruction of Pavement			259,000	259,000	street, W/WW, elec
50	Office furniture for mobile modular office			21,000		
51	Expansion of fleet services shop	275,000	275,000	1,950,000	1,950,000	IMF, Elec, W, WW, transit
53	Street Capital Maint	2,219,000	1,969,000	5,475,000	5,225,000	various
54	Traffic signal & street lighting improve	427,200	406,200	440,200	219,200	various
56	Street expansion projects	3,255,500	3,255,500	3,827,000	3,827,000	State Tran, TEA, TDA, IMF
58	Downtown Street improvements	35,000		58,000		MK, CDBG, Elec
	Total Transportation	6,361,700	6,055,700	12,030,200	11,480,200	

2003-05 FINANCIAL PLAN & BUDGET

CAPITAL BUDGET DETAIL BY ACTIVITY

PG #		2003-04 Requested Cost	City Manager Recommended	2004-05 Requested Cost	City Manager Recommended	Comments
	Leisure, Cultural & Social Services					
59	Parks & Recreation Capital	300,000	175,000	300,000	300,000	
	Upgrade P & R master plan (50,000)					
	Creation of Private Offices (40,000)					
	Upgrade Recreation software (35,000)					
	Parks Maintenance Proj/Equip (175,000)					
	Upgrade phone system (34,000)					
60	Purchase Pickup	20,000				Capital Outlay
61	Replace Copy Machine	12,000			12,000	Equip Repl
62	Purchase Turf Tractor	18,000				GF Capital
63	Aquatic Center Construction	460,000		5,983,000		COP, IMF, Capital Outlay
64	Indoor Sports Center	929,000		9,450,000		COP, IMF, Capital Outlay
65	DeBenedetti Park Development	300,000		7,525,000		COP, IMF, Capital Outlay
66	Modular Office			500,000		
67	Restroom replacement - Vinewood	130,000				GF capital
68	Irrigation system retrofit - Vinewood			140,000		GF capital
69	Restroom replacement - Beckman			120,000		GF capital
70	Lodi Lake Central Area Improvements			1,250,000	1,250,000	grants
	Cultural Services					
	Library					
71	Upgrade Computer System	204,000		35,000		GF capital
	Community Center					
72	Purchase pickup truck	29,000				Capital outlay
	Total Leisure, Cultural & Social Services	2,402,000	175,000	25,303,000	1,562,000	
	Community & Economic Development					
	Engineering					
73	High Resolution GIS control survey	50,000	25,000		25,000	W,WW, IMF, Elec
	Total Community & Economic Development	50,000	25,000	-	25,000	
	General Government					
	City Council					
74	Purchase laptop computers (5)	12,500	6,250		6,250	
	City Manager					
75	Contribution to Salvation Army capital	50,000	50,000	50,000	50,000	five year program -RDA
	Information Systems					
76	Computer replacement fund	75,000	75,000	75,000	75,000	Capital outlay
	Finance					
	Purchasing					
77	Add Transformer storage capacity			11,000	11,000	Electric Utility Capital
	Public Works Facilities Services					
78	Replace Library carpet	137,000				GF capital
79	Repair Library Drainage system	55,000				Capital outlay
80	Replace Library HVAC	10,000		600,000		Capital outlay
81	Complete Public Safety Build & Civic Center	400,000		2,875,000		financing, IMF & GF
83	Hire consultant - evaluation of Lodi Arch	20,000	20,000			grants or donations
84	Replace roof at Radio Room	15,000			15,000	Capital outlay replacement
85	Replace emergency generator at MSC	45,000	45,000			Electric
86	Replace emergency generator at Fire St #3	43,500			43,500	Capital outlay replacement
87	Replace fuel dispenser & card system	69,000				evaluate alternative system
	Total General Government	932,000	196,250	3,611,000	200,750	
	CAPITAL BUDGET	40,231,130	34,730,380	56,624,450	24,810,700	
	Public Art Fund			58,700	35,000	
	Current Debt Service:					
	General Fund	1,671,446	1,671,446	1,671,671	1,671,671	
	Electric Fund	7,920,308	7,920,308	6,317,569	6,317,569	
	Water Fund	226,699	226,699	226,767	226,767	
	Wastewater Fund	817,465	817,465	816,440	816,440	
		10,635,918	10,635,918	9,032,447	9,032,447	
	TOTAL CAPITAL BUDGET	50,867,048	45,366,298	65,715,597	33,878,147	

2003-05 FINANCIAL PLAN & BUDGET**CAPITAL BUDGET DETAIL BY ACTIVITY**

PG #	2003-04		2004-05		Comments
	Requested Cost	City Manager Recommended	Requested Cost	City Manager Recommended	
FUNDING SOURCES:					
	GENERAL FUND - CAPITAL	416,550		669,550	
	GENERAL FUND -EQUIP REPL	-		55,500	
	FINANCING	18,000,000		-	
	CDBG GRANT FUND	175,000		200,000	
	IMPACT FEE FUNDS-REGIONAL (332)	810,500		1,679,000	
	STATE STREETS (335)	2,629,000		2,856,000	
	MEASURE K - GRANT	750,000		3,900,000	
	MEASURE K -MAINT	260,000		259,000	
	STREET TDA	210,200		261,880	
	IMPACT FEE FUNDS - LOCAL STREETS (327)	-		100,000	
	TDA	48,000			
	TEA	163,000			
	TRANSIT	55,000		238,000	
	ELECTRIC FUND	5,902,700		5,734,590	
	WATER FUND	2,250,930		3,374,840	
	WATER IMF	375,000		645,000	
	WASTEWATER FUND	1,743,500		1,583,840	
	WASTEWATER IMF	231,000		1,297,500	
	OTHER GRANTS	710,000		1,991,000	
	General Fund Debt Service	1,671,446		1,671,671	
	Electric Fund Debt Service	7,920,308		6,317,569	
	Water Fund Debt Service	226,699		226,767	
	Sewer Fund Debt Service	817,465		816,440	
	TOTAL CAPITAL BUDGET	45,366,298		33,878,147	

2003-05

FINANCIAL PLAN AND BUDGET

Replacement Vehicles

CITY OF LODI
CALIFORNIA

2003-05 FINANCIAL PLAN & BUDGET

CAPITAL BUDGET DETAIL BY MISSION - Replacement Vehicle Requests

Pg #		2003-04 Requested Cost	2004-05 Requested Cost	Comments
	Public Safety			
	Police Protection			
	Police Investigations			
1	Undercover units (3 each year)	88,200	92,400	defer year one
	Police Operations			
3	Parking Enforcement Scooter (1)	29,100		
4	Motorcycles (1 each year)	21,000	22,000	
6	Patrol sedans ((5 each year)	154,875	162,250	defer year one
	Fire Safety			
	Emergency Services			
8	Staff vehicle (2)	34,000	34,000	defer year one
	Total Public Safety	327,175	310,650	
	Public Utilities			
	Water Utility Services			
	Water			
9	1/2 Ton Extended Cab Pickup	30,730		04-069
	Wastewater Utility Services			
10	Air Compressor	12,910		04-094 1/2 Water. 1/2 WW
	Electric Utility Services			
	Electric Utility			
	Electric Construction & Maintenance			
11	Flatbed dump truck		105,000	09-042
	Total Public Utilities	43,640	105,000	
	Transportation			
	Streets and Flood Control			
	Street Cleaning			
12	Street Sweeper	200,000		04-105 WW
	Transit			
	Transit			
13	Fleet vehicles (2 each year)	175,000	175,000	defer year one
	Total Transportation	375,000	175,000	
	Leisure, Cultural & Social Services			
	Parks and Recreation			
	Equipment Maintenance			
14	Turf Vehicles (3 each year)	60,000	60,000	recommend \$20,000 & \$40,000
15	1/2 Ton Pickup Truck	26,000		07-037 -- defer one year
16	Extended Cab Pickup Truck	28,000		7035
	Total Leisure, Cultural & Social Services	114,000	60,000	
	TOTAL OPERATING BUDGET	859,815	650,650	
	FUNDING LEVELS:			
	EQUIPMENT FUND	100,000	300,000	
	TRANSIT	175,000	175,000	
	ELECTRIC FUND	-	105,000	
	WATER FUND	37,185	-	
	WASTEWATER FUND	206,455	-	
		518,640	580,000	

The above is a listing of replacement vehicle requests. Per the Budget and Fleet Policies, a funding level has been set and approved by Council. The funding level may not allow for all the requests to be filled. The Fleet Committee will recommend to the City Manager all vehicles to be replaced during the year based on criteria stated in the Fleet Policy and the available funding levels.

PUBLIC SAFETY

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2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Police Department
REQUEST TITLE: Police Under-Cover Vehicle Replacement

Project Description

Purchase three "under-cover" vehicles in 2003-2004, and three more in 2004-2005 as replacements for vehicles that will meet their retirement schedule during the pending two-year budget period; and obtain/install emergency and police equipment as needed to make the vehicles ready for the full range of investigative and surveillance duties.

Project Objectives

Provide the Police Investigations Bureau with safe, properly equipped vehicles that will not malfunction during critical incidents. Since these vehicles are sometimes used under emergency conditions, advances in safety features that become available through regular replacement are desirable. In addition, such regular replacement helps to prevent visual familiarity with the vehicles among the local criminal element, which renders them less effective for surveillance.

Existing Situation

It is projected that six existing units will have reached mileage and age levels that will be in excess of the Fleet Policy and Procedures guidelines for Class 1-B (police undercover) vehicles, by the time replacement vehicles are purchased and equipped in listed budget years. This is based on an average usage of 7,500 miles annually for this class of vehicle. The vehicles are as follows:

Budget Year	Vehicle #	Vehicle Info	Current Mileage
2003-2004	05-078	1998 Pontiac	57,000*
2003-2004	05-080	1997 Ford	62,000* **
2003-2004	05-084	1997 Chevrolet	57,000
2004-2005	05-081	1997 Ford	45,000
2004-2005	05-087	1998 Chevrolet	48,000
2004-2005	05-089	1998 Chevrolet	48,000

*Replacement budgeted in 2002-2003; funding not available.

**Exceeds guidelines currently.

Project Costs

It is estimated that each vehicle will cost approximately \$28,000, including purchase of the vehicle itself and the purchase and/or installation of police emergency and surveillance equipment. Wherever possible, existing equipment will be salvaged from retiring vehicles and installed in new ones. The recommended funding source is the equipment replacement fund.

Schedule

Budget Year:	2003/2004	2004/2005	Project Total
Study			
Design			
Acquisition:	\$88,200	\$92,400	
Construction			
Total	\$88,200	\$92,400	\$180,600

2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Police Department
REQUEST TITLE: Police Under-Cover Vehicle Replacement

Recommended Funding Sources

Equipment Replacement Fund	\$88,200	\$92,400	\$180,600
Total	\$88,200	\$92,400	\$180,600

Cost Detail

	<u>2003/2004</u>	<u>2004/2005</u>
REPLACEMENT CARS:		
(1) Undercover Vehicle	\$ 25,000	\$ 25,000
Emergency equipment	3,000	3,000
Each car (including tax)	\$ 28,000	\$ 28,000
	x 3	x 3
TOTAL	\$ 84,000	\$ 84,000

Plus 5% cost increase	\$ 4,200	
Plus 10% cost increase		\$ 8,400
	\$ 88,200	\$ 92,400

Alternatives

1. **Do not replace undercover vehicles on the current schedule.** This alternative would only delay the replacement of vehicles, and consequently compound the amount of purchase dollars needed. Savings in purchase costs would be partly offset by greater mechanical repair and maintenance costs, and increased fuel use would be likely. Additionally, it would require the Police Department to use older, higher mileage vehicles that could be suspect of their ability to perform under emergency conditions, and which would have reduced effectiveness in surveillance situations.
2. **Reduce the number of undercover vehicles available.** This would likely not result in significant savings. Usage levels would not diminish, but would simply result in more mileage on each car, with the same per mile costs and quicker wear-out of the remaining vehicles. In addition, surveillance effectiveness and general efficiency would be significantly impacted.

Project Effect on Operating Budget

The current police undercover fleet consists of nineteen vehicles. Maintaining these units requires that funds for fuel, car wash, maintenance and repairs be budgeted annually.

2003- 2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Police Department
REQUEST TITLE: Police Parking Enforcement Scooter Replacement

Project Description

Replace one of the Traffic Bureau's Parking Enforcement scooters

Project Objective

The objective is to maintain the Police Department's current level of traffic enforcement and safety by providing reliable scooters for Parking Enforcement.

Existing Situation

The Police Department's Traffic Bureau assumed responsibility for Parking Enforcement from the Finance Department in February 2003. The assigned Parking Enforcement staff use scooters as their primary mode of transport during enforcement activities. The Parking Enforcement detail currently has two scooters assigned for their use. One was replaced in 2002/03, but the second scooter is a 1993 Cushman electric scooter with approximately 1,600 hours. The Fleet Policies and Procedure's Guidelines for Utilization/Replacement for these scooters are 7years/3,000 hrs. If available, a compressed natural gas (CNG) or electric powered scooter should be considered, especially if funding for alternatively fueled vehicles is obtainable (CNG option adds \$5,600).

Schedule and Project Costs

	Budget Year	2003/04	2004/05	Project Total
Phasing				
Study				
Design				
Acquisition		\$29,100		\$29,100
Construction				
Public Art	Not Applicable			
Total		\$29,100		\$29,100
Recommended Funding Source				
Vehicle Replacement Fund		\$23,500		\$23,500
Alternative Fuel Funding		5,600		\$5,600
Total		\$29,100		\$29,100

Alternatives:

1. **Do not replace scooters on the current schedule.** This would require that the existing scooter remain in service longer, with a likely reduction in safety and reliability.
2. **Reduce the number of staff assigned to parking enforcement.** This would be counter to the City's commitment to a strong parking enforcement mission.

Project Effect on Operating Budget

The current police motorcycle fleet consists of two units. Maintaining these units requires that funds for fuel, maintenance and repairs be budgeted annually.

2001- 2003 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Police Department

REQUEST TITLE: Police Motorcycle Replacement

Project Description

This project is to address the City of Lodi's commitment to the ongoing replacement of the Traffic Bureau's motorcycles on a three year rotational basis (pursuant to Council resolution 96-06.) The Traffic Bureau continues to be an invaluable asset in responding to the many requests for traffic enforcement and specialized operations, such as DUI Checkpoints. The Traffic Bureau also responds to major traffic accidents and utilizes extensive training in the investigation and reconstruction of such incidents. The assigned officers use police motorcycles as their primary mode of transport during emergency response and enforcement activities.

Project Objective

The objective is to maintain the Police Department's current level of traffic enforcement and safety by providing reliable motorcycles for our Traffic Bureau.

Existing Situation

Under the current motorcycle replacement plan, one motorcycle per year will be replaced. This continues to give the City reliable motorcycles and takes advantage of the Harley Davidson "buy-back" program. The Traffic Bureau has found the Harley Davidson FLHP-1 Motorcycle to be well suited to its operations.

Project Costs

It is estimated that each motorcycle will cost approximately \$18,000, and that removal and reinstallation of existing emergency and enforcement equipment will cost approximately \$2000.

Schedule and Project Costs

	Project Budget Year	2003/04	2004/05	Total
Phasing				
Study				
Design				
Acquisition		\$21,000	\$22,000	\$43,000
Construction				
Total		\$21,000	\$22,000	\$43,000
Recommended Funding Source				
Equipment Replacement Fund		\$21,000	\$22,000	\$43,000
Total		\$21,000	\$22,000	\$43,000

2001- 2003 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Police Department

REQUEST TITLE: Police Motorcycle Replacement

Cost Detail	<u>2003/2004</u>	<u>2004/2005</u>
REPLACEMENT UNITS:		
(1) HD Road King Motor	\$ 18,000	\$ 18,000
Emergency equipment	<u>2,000</u>	<u>2,000</u>
Each vehicle (including tax)	\$ 20,000	\$ 20,000
Plus 5% cost increase	\$ 1,000	
Plus 10% cost increase		\$ 2,000
GRAND TOTAL	\$ 21,000	\$ 22,000

*Please note that the total cost does not reflect the buy-back of the used Harley Davidson motorcycle. After the buy-back, costs should be decreased significantly. Estimated trade-in value is between \$8,000 and \$10,000 per unit.

Alternatives:

1. **Do not replace police motorcycles on the current schedule. (Counter to the previous council resolution.)** This would require that existing motorcycles remain service longer, with a likely reduction in safety and reliability. It would also compound the future need for new motorcycles if a regular replacement schedule were not followed. In addition, the substantial trade-in value would be eroded, resulting in higher cost for future purchases.
2. **Reduce the number of officers assigned to traffic enforcement.** This would be counter to the Police Department's commitment to a robust traffic safety mission.

Project Effect on Operating Budget

The current police motorcycle fleet consists of six units. Maintaining these units requires that funds for fuel, maintenance and repairs be budgeted annually.

**2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Police Department
REQUEST TITLE: Purchase of Police Patrol Sedans

Project Description

Purchase five police patrol sedans in 2003/2004, and five more in 2004/2005, as replacement vehicles for cars that will meet their retirement schedule during the next two years; and obtain emergency equipment and accessories to fully equip these police patrol sedans for duty.

Project Objectives

1. Ensure that the Police Department is provided with safe, modern, and effective pursuit/patrol vehicles for its daily operational needs.
2. Ensure that quantities of pursuit/patrol vehicles are adequate for staffing levels, providing for out-of-service and emergency replacement situations.

Existing Situation

The current fleet of police patrol sedans includes twenty-five vehicles. At minimum, five are needed in the 2003/2004 fiscal year, and five in the 2004/2005 fiscal year, to meet the current replacement schedule.

The replacement patrol car is the Ford Crown Victoria four-door sedan at a current cost of \$24,500 per car. Our hope is that the design of the car will not change significantly so the emergency equipment in the current vehicles can be reused. Planning on this limits the cost of emergency equipment and accessories to installation expenses only, approximately \$3,000 per car. If this equipment cannot be reused, there will be additional costs to modify and equip the vehicles for service; i.e., back seat, protective screen, shotgun rack, radio rack, push bumper, etc. New emergency equipment, purchased and installed, is \$5,000 per car.

Because the current patrol cars will reach their designated retirement mileage by the time these Crown Victorias can be ordered, received, and readied for service, and because the availability of police patrol vehicles is limited to a very short order period, these sedans must be approved in 2003/2004.

Project Work Completed

Several years ago, the Police Department and the Public Works Equipment Maintenance Division formed the Police Vehicle Committee, comprised of representatives from both departments, to evaluate vehicles available to replace the Dodge Diplomat, which was no longer being manufactured. The group's recommendation was to standardize the police patrol fleet with Ford Crown Victorias.

Schedule and Project Costs

	Budget Year 2003/04	2004/05	Project Total
Phasing			
Study			
Design			
Acquisition	\$154,875	\$162,250	\$317,125
Construction			
Total	\$154,875	\$162,250	\$317,125
Recommended Funding Sources			
Equipment Replacement Fund	\$154,875	\$162,250	\$317,125
Total	\$154,875	\$162,250	\$317,125

**2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Fleet Services
REQUEST TITLE: Purchase of Police Patrol Sedans

Cost Detail	<u>2003/2004</u>	<u>2004/2005</u>
REPLACEMENT CARS:		
(1) Crown Victoria sedan	\$ 24,500	\$ 24,500
Emergency equipment	5,000	5,000
Each car (including tax)	\$ 29,500	\$ 29,500
	x 5	x 5
TOTAL	\$ 147,500	\$ 147,500
Plus 5% cost increase	\$ 7,375	
Plus 10% cost increase		\$ 14,750
GRAND TOTAL	\$ 154,875	\$ 162,250

Alternatives

1. **Do not replace police patrol sedans on the current schedule.** This alternative would only delay the replacement of patrol vehicles, and consequently compound the amount of purchase dollars needed. Additionally, it would require the Police Department to use older, higher mileage vehicles that could be suspect of their ability to perform under emergency conditions. Because of being older, they would also be technically further behind, and possibly not as safe. Savings in purchase costs would be partly offset by greater mechanical repair and maintenance costs, and increased fuel use would be likely.
2. **Require the Police Department to use alternative modes of transportation or downsize its patrol staff that requires full-size patrol sedans.** Downsizing patrol staff to require fewer officers would be directly opposed to the community-oriented policing program the City of Lodi has adopted.
3. **Change police patrol sedan selection to a less-expensive model.** This alternative has been considered. The Crown Victoria (full-size) patrol car is the car favored by the Lodi Police Department and the Public Works Fleet Services Division because of the number of units presently in service. Performance, size, safety features, familiarity, and serviceability are proven; choosing a different make and model now, with the multiple benefits to be realized by the "standardization" of the patrol fleet, would be ill advised.

Project Effect on Operating Budget

The current police patrol fleet consists of twenty-five cars. Maintaining these units requires that funds for fuel, car wash, maintenance and repairs be budgeted annually.

2003-04 Financial Plan and Budget
CAPITAL EQUIPMENT BUDGET REQUEST

ACTIVITY: Emergency Services-Fire
REQUEST TITLE: Staff vehicle replacement

PROJECT DESCRIPTION:

Purchase a replacement vehicle for staff.

PROJECT OBJECTIVES:

Provide a safe, reliable vehicle for staff personnel. These vehicles are used for emergency services and must maintain a high degree of reliability and dependability. This vehicle may meet alternative fuel vehicle requirements of the City. If available, outside grant funding can be used. The use of the State contract can also be used to replace said vehicle with something comparable.

EXISTING SITUATION:

The fire department will have 4 staff vehicles, which have exceed the recommended replacement schedule, during the 2003-2005 budget cycle. The vehicles to be replaced are a 1990 Plymouth Voyager (06-004), which currently has 85,000 miles and will be 14 years old during the 03-04 budget cycle. The second vehicle is a 1995 Dodge Crown Victoria. These vehicles exceed the established guideline of seven years for replacement as stated in the City of Lodi fleet policy manual.

Mid-size sedan	\$29,000.00
Code 3 Package	1,500.00
Radio Equipment	<u>3,500.00</u>
Total	\$34,000.00

Schedule and Project Costs

	Prior Budgets	2001-02	2002-03	2003-04	2004-05	Total
Phasing						
Study				\$34,000	\$34,000	
Acquisition						
Construction				\$34,000	\$34,000	\$68,000
Total						
Recommended Funding Source						
General Fleet Fund						
Total				\$34,000	\$34,000	\$68,000

Alternatives:

1. Continue to utilize the existing vehicle.
2. Defer replacement to a subsequent budget year.

PUBLIC UTILITIES

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2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works – Water/Wastewater Division
REQUEST TITLE: Half-Ton Extended Cab Pickup Truck (Unit No. 04-069)

Project Description

Purchase a new Half-Ton Extended Cab Pickup Truck for the Water Conservation Program.

Project Objectives

1. Replace a 1998 GMC Sonoma ½ ton extended cab pickup (Unit No. 04-069) used by the Water Conservation Coordinator and Deputies.
2. Dispose of the existing unit by trade-in or at auction and transfer 2-way radio and phone system to new vehicle.

Existing Situation

Unit No. 04-069 currently has an odometer reading of 154,160 miles. This unit was purchased for \$17,121 in 1998 and has accumulated \$9,185.75 in repairs and \$1,545.23 in maintenance costs. It is used on a daily basis by the Water Conservation Coordinator. During the water conservation season (May through October), this vehicle is used 18+ hours daily by the Water Conservation Deputies on patrol.

Schedule and Project Costs

	Prior Budgets	2002-2003	2003-04	2004-05	Project Total
Phasing					
Study					
Design					
Acquisition/Vehicle Replacement			\$30,730		\$30,730
Construction					
Total			\$30,730		\$30,730
Recommended Funding Sources					
Capital Outlay Fund					
Electric Utility Fund					
Water Fund			\$30,730		\$30,730
Wastewater Fund					
Total			\$30,730		\$30,730

*Note: Trade-in value is not included so that adequate funds are budgeted for purchase of vehicle.

Alternatives

Postpone replacement and continue with escalating repair costs. Endure more frequent breakdowns which will have a negative impact on our customers.

Project Effect on Operating Budget

Eliminate any further expenses for this aging vehicle.

2003-2005 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works – Water/Wastewater Division
REQUEST TITLE: Air Compressor (Unit No. 04-094)

Project Description

Replace existing air compressor No. 04-094.

Project Objectives

1. Replace existing Air Compressor Model D185Q with a new comparable model.
2. Dispose of the existing units 04-094 and 04-103 by trade-in or at auction.

Existing Situation

Unit No. 04-094 is 18 years old and has a repair cost of \$8,263.37 and maintenance costs of \$700.04. This unit was purchased for \$12,610.00. Air Compressor Unit 04-103, which will not be replaced, is also 18 years old, was purchased for \$12,610.00, and has a combined repair and maintenance cost of \$9,680.12. Both units should be disposed of by trade-in or at auction.

Schedule and Project Costs

	Prior Budgets	2002-03	2003-04	2004-05	Project Total
Phasing					
Study					
Design					
Acquisition/Vehicle Replacement			\$12,910.00		\$12,910.00
Construction					
Total			\$12,910.00		\$12,910.00
Recommended Funding Sources					
Capital Outlay Fund					
Electric Utility Fund			\$ 6,455.00		\$ 6,455.00
Water Fund			\$ 6,455.00		\$ 6,455.00
Wastewater Fund			\$12,910.00		\$12,910.00
Total			\$12,910.00		\$12,910.00

Alternatives

Continue with escalating repair cost. Endure more frequent breakdowns, which will have a negative impact on our customers.

Project Effect on Operating Budget

Eliminate any further expenses for this aging equipment.

2003-2005 Financial Plan and Budget
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Electric Construction and Maintenance
REQUEST TITLE: Flatbed Dump Truck (Replacement)

PROJECT DESCRIPTION

Replace existing flatbed dump truck.

PROJECT OBJECTIVES

To provide a dependable dump truck with sufficient rating for hauling dirt, materials and equipment for today's needs.

EXISTING SITUATION

Flatbed dump truck 09042 is a 1979 Ford F8000. This truck was delivered on September 19, 1979. It is approximately 22 years old with an odometer reading of 34882. The engine has significant idle time over and above the measured road mileage due to operating hydraulic system for the bucket truck boom and keeping the battery charged for radio transmission during the work day. Truck 09042 was used as a two man bucket truck. In 1991 the bucket boom was removed and a flatbed dump was installed. The original cost of the vehicle was \$55,655. The cost of maintenance and repairs to date is \$29,242.85. This truck does not have the gross vehicle weight (GVW) carrying capacity needed to haul dirt and backfill from the jobsite. Crews need to take small loads of dirt which increases the length of the job. It is imperative to have the necessary equipment to perform all tasks assigned in today's environment of prompt service to customers at the lowest possible cost. The minimum replacement criterion of the "Fleet Policies and Procedure" as outlined under "Guidelines for Utilization/Replacement" Section 4.8 is 15 years or 85,000 miles. This vehicle (09042) flatbed dump truck meets the criteria.

SCHEDULE AND PROJECT COSTS

	2003-2004	2004-2005	Project Total
Phasing			
Study			
Design			
Acquisition		\$ 105,000	\$ 105,000
Construction			
Total		\$ 105,000	\$ 105,000
Recommended Funding Sources			
Capital Outlay Fund			

ALTERNATIVES

Keep truck #09042 (not recommended) which could result in significant down time and cost for major repairs.

**FINANCE 2003-2005
IMPLEMENTATION**

Upon approval purchase new truck and sell vehicle at auction in 2004-2005 Fiscal Year.

TRANSPORTATION

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2003-2004 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Dept.- Street Division
REQUEST TITLE: CNG Street Sweeper (Unit No. 04-105)

Project Description

Replace street sweeper Unit No. 04-105.

Project Objectives

1. Replace a 1990 FMC street sweeper (Unit No. 04-105) with a new CNG regenerative air sweeper.
2. Dispose of the existing unit (04-105) by trade-in or at auction.

Existing Situation

Unit No. 04-105, a 1990 FMC broom sweeper, has accumulated 51,750 miles and has an hour meter reading of 7,636 hours. This unit's minimum replacement criteria was met in 1996. This unit was purchased for \$79,600 in 1990 and has accumulated \$297,181 in repairs and \$4,003 in maintenance costs. The Street Division uses this unit as a backup sweeper for street sweeping, maintenance and construction cleanup, and storm water quality control as per the Storm Water Management Plan. The Tymco Unit No. 04-131 will be placed in the backup position. The high cost of this unit is due to the Compressed Natural Gas option. A diesel unit is available for approximately \$50,000 less.

Schedule and Project Costs

	Prior Budgets	2002-03	2003-04	2004-05	Project Total
Phasing					
Study					
Design					
Acquisition/Vehicle Replacement			\$200,000		\$200,000
Construction					
Total			\$200,000		\$200,000
Recommended Funding Sources					
Capital Outlay Fund					
Electric Utility Fund					
Water Fund					
Wastewater Fund			\$200,000		\$200,000
Total			\$200,000		\$200,000

Alternatives

Continue to use current equipment and accumulate higher-than-normal maintenance expenses.

Project Effect on Operating Budget

None.

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: GENERAL GOVERNMENT/ TRANSPORTATION
REQUEST TITLE: REPLACEMENT OF TRANSIT FLEET

Project Description:

This project consists of the replacement of four (4) vehicles in the Transit fleet over the next two (2) years.

Project Objectives:

The objective of this project is to:

- Replace existing traditionally fueled transit vehicles with Compressed Natural Gas vehicles;
- Meet the State requirement for fleet conversion;
- Protect the air quality of Lodi by reducing emissions from Transit vehicles;
- Retire existing buses which have extensive mileage.

Existing Situation:

The City of Lodi's Transit fleet currently consists of twenty-five (25) vehicles. These vehicles are a mixture of small cutaways used primarily for Dial-A-Ride, one (1) replica Trolley used for Fixed Route, and five (5) 40-passenger NABI's used to serve the five (5) fixed routes in Lodi. Currently, twenty-one (21) of these vehicles run on Compressed Natural Gas (CNG).

Project Work Completed:

In 2002, six (6) new cutaways were received by the City. Additionally, a CNG Station has been built in the corporation yard at the Municipal Service Center to fuel transit vehicles, as well as other City CNG fleet vehicles.

Schedule and Project Costs:

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study	N/A					
Design	N/A					
Acquisition		\$175,000	\$ 175,000			
Construction	N/A					
Public Art	N/A					
Total		\$175,000	\$175,000			\$ 350,000
Recommended Funding Sources						
Enterprise Funds						
Transit		\$175,000	\$175,000			\$ 350,000

Project Effect on Operating Budget:

Staff time during procurement and upon delivery.

LEISURE, CULTURAL & SOCIAL SERVICES



2003-05 Financial Plan and Budget Request**CAPITAL IMPROVEMENT BUDGET REQUEST**

ACTIVITY: Parks & Recreation Equipment Maintenance
REQUEST TITLE: Turf Vehicles

Project Description

Purchase (2) turf vehicles to replace M2 and TV-021, which were budgeted in the 2002-03 budget, but have yet to be replaced. In addition, purchase (4) turf vehicles to replace TV-022, TV-023, TV-024 and TV-025.

Project Objectives

To provide Parks Division employees with safe and reliable equipment to perform there job duties in a proficient manner.

Existing Situation.

These vehicles are used to prepare our athletic fields and maintenance of our parks.

Project Work Completed

These vehicles meet the City of Lodi's Fleet Policies and Procedures criteria for replacement.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$60,000	\$60,000			\$120,000
Total		\$60,000	\$60,000			\$120,000
Recommended Funding Sources						
Capital Outlay Fund		\$60,000	\$60,000			\$120,000
Enterprise Funds						

Alternatives

Continue to operate vehicles with increasingly higher repair cost and downtimes.

Project Effect on Operating Budget

None

2003-05 Financial Plan and Budget Request

CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Equipment Maintenance
REQUEST TITLE: Full Size ½ ton Pickup Truck

Project Description

Purchase (1) ½ ton pickup truck to replace 07-037

Project Objectives

To provide Parks Division employees with safe and reliable equipment to perform job duties in a proficient manner.

Existing Situation.

The mow crew uses this vehicle daily to transport mowers to parks and is used by maintenance staff in the off-season to perform various duties. This vehicle is 14 years old. The city has spent over \$12,000 in maintenance and repairs to date. Down time due to repairs is continually increasing. This vehicle is becoming unproductive in our efforts to maintain our facilities.

Project Work Completed

This vehicle meets the City of Lodi's Fleet Policies and Procedures criteria for replacement

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$26,000				\$26,000
Total		\$26,000				\$26,000
Recommended Funding Sources						
Capital Outlay Fund		\$26,000				\$26,000
Enterprise Funds						

Alternatives

Continue to operate vehicles with increasingly higher repair cost and downtimes.

Project Effect on Operating Budget

None

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Parks & Recreation Equipment Maintenance
REQUEST TITLE: Replacement Pickup for Recreation Supervisor

Project Description

Purchase (1) Extended Cab pickup truck.

Project Objectives

To provide safe and reliable transportation for the Recreation Supervisor in order to meet program needs.

Existing Situation.

Currently the Recreation Supervisor is using a 1989 Dodge Caravan (vehicle #7035). This vehicle has proven to be unreliable for the After School Program. Staff feels that an extended cab pickup would best fill the need by allowing the Recreation Supervisor to transport people and supplies to the after school program sites throughout Lodi.

Project Work Completed

This vehicle meets the City of Lodi's Fleet Policies and procedures criteria for replacement in age but not in miles.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction		\$28,000				\$28,000
Total		\$28,000				\$28,000
Recommended Funding Sources						
Capital Outlay Fund		\$28,000				\$28,000
Enterprise Funds						

Alternatives

1. Use any surplus funds from the After School Program revenues to purchase the vehicle.
2. Continue to use other available vehicles from the motor pool as breakdowns continue to occur.

Project Effect on Operating Budget

None

2003-05 FINANCIAL PLAN & BUDGET

CAPITAL BUDGET DETAIL BY ACTIVITY

PG #		2003-04 Requested Cost	City Manager Recommended	2004-05 Requested Cost	City Manager Recommended	Comments
Public Safety						
Police Department						
1	Police Outdoor Range	50,000		350,000		
Animal Shelter						
2	Animal Shelter Expansion	1,865,000		1,865,000		
Fire Department						
3	Base station Emergency Alerting System	12,000	12,000			GF capital
4	Restoration of Seagrave's Pumper	15,000		15,000		GF capital
5	Purchase Fire Engine (2)	83,300	83,300	83,300	83,300	lease purchase
6	Rescue Trailer & Equipment			47,500		
7	Vehicle -- City Match to Grant	15,000	15,000			
8	Fire Station #2 replacement	140,000		1,700,000	140,000	GF cap & financing
	Total Public Safety	2,180,300	110,300	4,060,800	223,300	
Public Utilities						
Water Utility Services						
Water						
19	Water System Capital Maint	1,515,000	1,515,000	1,640,000	1,340,000	
20	Water System Capital Expansion	950,000	950,000	2,420,000	2,420,000	IMF and water
21	Trailer Mounted Vacuum System	43,430	43,430			100% water
Wastewater Utility Services						
22	Replace WS headwork sluice gate	15,000	15,000			
23	WS professional services	40,000	40,000			
24	Replace WS primary sedimentation tank	15,000	15,000	15,000	15,000	
25	Upgrade WS telephone system	42,000				
26	Replace WS lab ceiling tile & light fixtures	15,000				25% Public Benefits funding
27	WS facility improvements	18,365,000	18,365,000	365,000	365,000	rate increase - 22%
28	Replace roof - WS boiler/Influent pump build	15,000	15,000			
29	storm drainage system expansion	181,000	181,000	1,285,000	1,285,000	IMF
30	Storm drainage system capital maint	126,000	126,000	105,000	105,000	
31	Collection system capital maint	1,100,000	1,100,000	700,000	700,000	
Electric Utility Services						
Electrical Services						
32	Replace data server & tape drives			12,000	12,000	
Electric Construction & Maintenance						
34	Purchase overhead line puller/tensioner	80,000				
35	Line Ext, Serv Connect, Substructures	1,036,000	1,036,000	1,100,000	1,100,000	
	Line extensions (\$650,000)					
	Service Connections (\$160,000)					
	Substructures (\$160,000)					
	Revenue Metering (\$66,000)					
36	Distribution system improve, Dusk to Dawn	919,200	919,200	1,083,200	1,083,200	
	Distribution system improve (\$917,000)					
	Dusk to Dawn lighting (\$2,200)					
38	Streetlight improvement	1,100,000	1,100,000	950,000	950,000	
39	60 Kv Transmission line	476,500	476,500	648,250	648,250	
40	Fiber optic system	655,000	655,000	82,500	82,500	
41	Streetlight standards upgrade	87,500	87,500	87,500	87,500	
Substation Construction & Maint						
42	Purchase 80 Kv DC HiPot Insulation Tester	12,000	12,000			
43	Purchase Digital Micro-Ohmmeter			12,000	12,000	
44	Substation re-construction	1,505,000	1,505,000	1,114,000	1,114,000	
Engineering & Operations						
47	Replace metering circuit analyzer	11,500	11,500			
	Total Public Utilities	28,305,130	28,168,130	11,619,450	11,319,450	
Transportation						
Streets and Flood Control						
48	MSC restroom/locker room expansion	150,000	150,000			street IMF, W & WW IMF
49	Reconstruction of Pavement			259,000	259,000	street, W/WW, elec
50	Office furniture for mobile modular office			21,000		
51	Expansion of fleet services shop	275,000	275,000	1,950,000	1,950,000	IMF, Elec, W, WW, transit
53	Street Capital Maint	2,219,000	1,969,000	5,475,000	5,225,000	various
54	Traffic signal & street lighting improve	427,200	406,200	440,200	219,200	various
56	Street expansion projects	3,255,500	3,255,500	3,827,000	3,827,000	State Tran, TEA, TDA, IMF
58	Downtown Street improvements	35,000		58,000		MK, CDBG, Elec
	Total Transportation	6,361,700	6,055,700	12,030,200	11,480,200	
Leisure, Cultural & Social Services						

CAPITAL BUDGET DETAIL BY ACTIVITY

PG #		2003-04 Requested Cost	City Manager Recommended	2004-05 Requested Cost	City Manager Recommended	Comments
59	Parks & Recreation Capital	300,000	175,000	300,000	300,000	
	Upgrade P & R master plan (50,000)					
	Creation of Private Offices (40,000)					
	Upgrade Recreation software (35,000)					
	Parks Maintenance Proj/Equip (175,000)					
	Upgrade phone system (34,000)					
60	Purchase Pickup	20,000				Capital Outlay
61	Replace Copy Machine	12,000			12,000	Equip Repl
62	Purchase Turf Tractor	18,000				GF Capital
63	Aquatic Center Construction	460,000		5,983,000		COP, IMF, Capital Outlay
64	Indoor Sports Center	929,000		9,450,000		COP, IMF, Capital Outlay
65	DeBenedetti Park Development	300,000		7,525,000		COP, IMF, Capital Outlay
66	Modular Office			500,000		
67	Restroom replacement - Vinewood	130,000				GF capital
68	Irrigation system retrofit - Vinewood			140,000		GF capital
69	Restroom replacement - Beckman			120,000		GF capital
70	Lodi Lake Central Area Improvements			1,250,000	1,250,000	grants
	Cultural Services					
	Library					
71	Upgrade Computer System	204,000		35,000		GF capital
	Community Center					
72	Purchase pickup truck	29,000				Capital outlay
	Total Leisure, Cultural & Social Services	2,402,000	175,000	25,303,000	1,562,000	
	Community & Economic Development					
	Engineering					
73	High Resolution GIS control survey	50,000	25,000		25,000	W,WW, IMF, Elec
	Total Community & Economic Development	50,000	25,000	-	25,000	
	General Government					
	City Council					
74	Purchase laptop computers (5)	12,500	6,250		6,250	
	City Manager					
75	Contribution to Salvation Army capital	50,000	50,000	50,000	50,000	five year program -RDA
	Information Systems					
76	Computer replacement fund	75,000	75,000	75,000	75,000	Capital outlay
	Finance					
	Purchasing					
77	Add Transformer storage capacity			11,000	11,000	Electric Utility Capital
	Public Works Facilities Services					
78	Replace Library carpet	137,000				GF capital
79	Repair Library Drainage system	55,000				Capital outlay
80	Replace Library HVAC	10,000		600,000		Capital outlay
81	Complete Public Safety Build & Civic Center	400,000		2,875,000		financing, IMF & GF
83	Hire consultant - evaluation of Lodi Arch	20,000	20,000			grants or donations
84	Replace roof at Radio Room	15,000			15,000	Capital outlay replacement
85	Replace emergency generator at MSC	45,000	45,000			Electric
86	Replace emergency generator at Fire St #3	43,500			43,500	Capital outlay replacement
87	Replace fuel dispenser & card system	69,000				evaluate alternative system
88	Lodi Adopt-A-Child Building Renovation	43,830				not recommended
	Total General Government	975,830	196,250	3,611,000	200,750	
	CAPITAL BUDGET	40,274,960	34,730,380	56,624,450	24,810,700	
	Current Debt Service:					
	General Fund	1,671,446	1,671,446	1,671,671	1,671,671	
	Electric Fund	7,920,308	7,920,308	6,317,569	6,317,569	
	Water Fund	226,699	226,699	226,767	226,767	
	Wastewater Fund	817,465	817,465	816,440	816,440	
		10,635,918	10,635,918	9,032,447	9,032,447	
	TOTAL CAPITAL BUDGET	50,910,878	45,366,298	65,656,897	33,843,147	

CAPITAL BUDGET DETAIL BY ACTIVITY

PG #	2003-04		2004-05		Comments
	Requested Cost	City Manager Recommended	Requested Cost	City Manager Recommended	
	FUNDING SOURCES:				
	GENERAL FUND - CAPITAL	416,550		669,550	
	GENERAL FUND -EQUIP REPL	-		55,500	
	FINANCING	18,000,000		-	
	CDBG GRANT FUND	175,000		200,000	
	IMPACT FEE FUNDS-REGIONAL (332)	810,500		1,679,000	
	STATE STREETS (335)	2,629,000		2,856,000	
	MEASURE K - GRANT	750,000		3,900,000	
	MEASURE K -MAINT	260,000		259,000	
	STREET TDA	210,200		261,880	
	IMPACT FEE FUNDS - LOCAL STREETS (327)	-		100,000	
	TDA	48,000			
	TEA	163,000			
	TRANSIT	55,000		233,000	
	ELECTRIC FUND	5,902,700		5,717,590	
	WATER FUND	2,250,930		3,369,840	
	WATER IMF	375,000		645,000	
	WASTEWATER FUND	1,743,500		1,575,840	
	WASTEWATER IMF	231,000		1,297,500	
	OTHER GRANTS	710,000		1,991,000	
	CAPITAL BUDGET	34,730,380		24,810,700	
	General Fund Debt Service	1,671,446		1,671,671	
	Electric Fund Debt Service	7,920,308		6,317,569	
	Water Fund Debt Service	226,699		226,767	
	Sewer Fund Debt Service	817,465		816,440	
	TOTAL CAPITAL BUDGET	45,366,298		33,843,147	

2003-05 Financial Plan and Budget Request
CAPITAL IMPROVEMENT BUDGET REQUEST

ACTIVITY: Public Works Facilities Services Division
REQUEST TITLE: Lodi Adopt-A-Child - Building Renovation

Project Description:

The project request consists of constructing a second basement entrance / exit and a bathroom remodel at the City-owned building located at 100 East Pine Street.

Project Objectives:

The construction of a second basement entrance / exit will allow Lodi Adopt-A-Child to fully utilize 1,440 square feet of basement space for storage capacity. The bathroom remodel and construction of a hallway will enable Lodi Adopt-A-Child to allow other organizations to use certain rooms not being occupied by Lodi Adopt-A-Child.

Existing Situation:

Lodi Adopt-A-Child is unable to use the basement of the building due to Uniform Fire Code and California Uniform Building Code requirements for a second entrance / exit in the basement of the building. The Fire Marshal will authorize the use of the basement once this requirement is met.

Additionally the location of the handicap restrooms prevents Lodi Adopt-A-Child from being able to secure certain areas of the facility for other organizations' uses. By relocating the men's restroom to the room across the hall from the women's handicap restroom and by constructing a hallway, the areas could then be secured.

Project Work Completed:

Lodi Adopt-A-Child has received a proposal for the aforementioned work: \$35,457 for the basement entrance / exit construction and \$8,372 for the restroom relocation.

Schedule and Project Costs

	Prior Budgets	2003-04	2004-05	2005-06	2006-07	Project Total
Phasing						
Study						
Design						
Acquisition						
Construction						
Public Art						
Total		\$43,830				
Recommended Funding Sources						
Capital Outlay Fund		\$43,830				
Enterprise Funds						

Project Effect on Operating Budget



**Lodi Adopt-A-Child's
"Wish" Foundation**

www.adopt-achild.org/

P.O. Box 2479

Lodi, CA 95241

209-333-1056

A California non-profit Corporation #203356-1
Federal Identification No. 31-15806-13

APR 10 2003
CITY MANAGER'S OFFICE

Tuesday, April 08, 2003

**Mr. Dixon Flynn, City Manager
City of Lodi
221 West Pine Street
Lodi, CA 95240**

Dear Mr. Flynn,

We have received an estimate from Renovate-It Construction for construction of the second basement entrance/exit for of \$35,457.00 (see attached) at 100 East Pine Street as required by the existing Fire Code. The Lodi Fire Marshall brought this unforeseen correction to the existing basement to our attention during our first building inspection last November when we received authorization to partially occupy the building. Consequently we have been unable to utilize the 1,440 square feet of potential storage space the basement contains until this requirement is met.

This issue brings to the forefront an existing problem we noticed during our Christmas Program last year. During this period when we were using the entire building for separate activities we realized that the interior design of the building prohibits allowing other organizations, such as the Partnership for Families, to utilize the facility for security and safety reasons. Robina Asghar and I have discussed the Partnership utilizing certain rooms not being used by Lodi Adopt-A-Child, per the City Council's recommendation, but the interior design of the building lends itself to several major security and safety flaws. The main security concern is access to other parts of the building containing client files, executive offices, the safe, etc. There is also concern of the inconvenience of not being able to utilize the two new handicap restrooms without disturbing the activities of the other organization.

To help facilitate cross utilization of the building, we have installed separate alarm partitions (zones) to facilitate the use of the building by the Partnership and others but the security concerns of the existing interior design of the building would remain. To help eliminate these security flaws we have decided to move the existing Men's Handicap restroom to the room across the hall from the existing Women's Handicap restroom. This

would allow a hallway to be constructed between the General Office area and the Handicap restroom facilities that could then be secured. This remodel would allow easy access to the restroom facilities by separate activities in different rooms in the same building without interfering with each other and would eliminate the security concerns as previously stated.

Renovate-It Construction has submitted an estimate of \$8,372.24 to complete this remodel and the Board of Directors for Lodi Adopt-A-Child unanimously urge you to grant this request concerning the bathroom remodel. In a few days, Mr. Tim Preszler of Renovate-It Construction will be submitting plans to the City for both projects as he secures the required building permits. We would like to have both projects done at the same time and estimate that both could be completed by the end of May of this year with your approval.

The Board of Directors and I realize the financial hardship the City is facing in this budget and would understand if the City is reluctant or unable to share any of the cost of the required second basement entrance/exit as required by the Lodi Fire Marshall to a City owned building at 100 East Pine Street. However, if the City could find its way to share the cost of the second basement entrance/exit it would not only be to the advantage of Lodi Adopt-A-Child, but to the City as well.

Your immediate consideration of this request is most appreciative and I would like to meet with you to discuss this at your earliest convenience.

Sincerely and in Service to Lodi,



Dennis E. Lewis, President

RENOVATE- IT CONSTRUCTION, INC.

627 E. OAK ST., SUITE C

LODI, CA. 95240

(209) 367-8765 FAX (209) 367-4320

renovate@softcom.net

CALIFORNIA CONTRACTORS LICENSE NUMBER 607395

PROPOSAL

Lodi Adopt-A-Child

P.O. Box 2479

Lodi, CA. 95241

Attn: Dennis Lewis

April 7, 2003

RE: Addition Basement

100 E. Pine St.

Lodi, CA. 95240

I propose to furnish all materials and perform all labor in a workmanlike manner to complete the following per plans:

- | | |
|--|-------------|
| 1.) Saw cut door opening, Saw cut 5' x 37' concrete, saw cut 4' 37' asphalt, break and remove. | \$ 1,218.00 |
| 2.) Block wall, rebar, grout mix, labor. | \$ 5,625.00 |
| 3.) Concrete pad and footing. | \$ 4,750.00 |
| 4.) Dig hole w/ backhoe and backfill P-Gravel | \$ 9,993.00 |
| 5.) Hand Rail | \$ 981.00 |
| 6.) 2- Metal doors and frames. Locksets, hinges, door bottom, and installation. | \$ 2,400.00 |
| 7.) Framing- wall, roof, and exterior siding. | \$ 4,800.00 |
| 8.) Roofing and gutter | \$ 1,800.00 |
| 9.) Roof trusses | \$ 495.00 |
| 10.) Asphalt patch back | \$ 1,295.00 |
| 11.) Electrical | \$ 1,100.00 |
| 12.) Shoring for dirt walls during Construction. 3/4 Plywood 4x4 posts. | |
| (Cost could change if CAL OSHA wanted different type of shoring) | \$ 500.00 |
| 13.) Seal Block | \$ 500.00 |

All of the above work to be completed in a workmanlike and a substantial manner according to standard practices for the sum of: Thirty Five Thousand Four Hundred Fifty Seven Dollars \$ 35,457.00

Exclusions:

- | | |
|-----------------|---------------------|
| 1.) Permit Fees | 4.) Painting |
| 2.) Plans | 5.) Fire Sprinklers |
| 3.) Plumbing | 6.) HVAC |

Note:

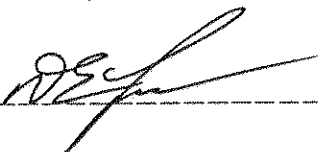
- 1.) This proposal may be withdrawn by us if not Accepted within 60 days from proposal dated above.
- 2.) Work that is not listed above is not included.
- 3.) Supervision, Profit, and Overhead is included in line items above.

Respectfully Submitted,

Tim Preszler,
President

Acceptance of Proposal

Sign



Date

4-7-03

RENOVATE – IT CONSTRUCTION, INC.
627 E. OAK ST., SUITE C
LODI, CA. 95240
(209) 367-8765 FAX (209) 367-4320
renovate@softcom.net
CALIFORNIA CONTRACTORS LICENSE NUMBER 607395

PROPOSAL

Lodi Adopt-A-Child
P.O. Box 2479
Lodi, CA. 95241
Attn: Dennis Lewis

March 3, 2003

Re: 100 E. Pine St., Lodi
Relocating Men's Restroom

I/We Propose to furnish all material and perform all labor in a workmanlike manner to complete the following:

- . Plumbing
- . Flooring
- . FRP
- . Electrical
- . Relocate counter top to new restroom
- . Relocate mirror to new restroom
- . Cut opening- Frame, Rock, patch, and Texture
- . Move Signage
- . Relocate to new restroom handicap bars, towel dispenser, and toilet paper dispenser.
- . Painting

All of the above work to be completed in a workmanlike and a substantial manner according to standard practices for the sum of: Eight Thousand Three Hundred Seventy Two Dollars \$ 8,372.24

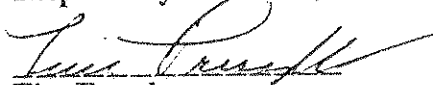
Exclusions:

- 1.) Permits
- 2.) Plans
- 3.) Insulation

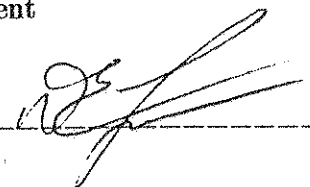
Note:

- 1.) This bid covers only the items that were described above any other items will be considered as additional work and will be charged extra.

Respectfully Submitted,


Tim Preszler,
President

Acceptance of Proposal

Sign  Date 3-4-03

The following three letters were submitted for this item when it appeared on the April 16, 2003, Regular City Council meeting.

This item was not discussed at that time and was continued to a Special meeting for April 22, 2003; therefore, these letters have been filed with this meeting material.



THE SALVATION ARMY
A Center of Hope and The Archway Shelter

P.O. Box 1388 • Lodi, California 95241
Center Phone: 209/369-5896 • Shelter Phone: 209/367-9560

I-5

(page 75)

Captains Frank and Susan Severs

Advisory Board

Janice Roth, chair
Marilee Ginoulis
Carol Meehleis
Alex Taddei
LaVon Keszler
Elmer Kludt
Walter Reiss, M.D.
Donald Roek
Gerry Schook
Ivan Suess
Ms. Julie Govette
Roy Reimche
Ron Mettler
Chris Phillips
Annette Murdaca
Thomas G. O'Brien

**Capital Campaign
Chairman**

Pat Patrick

**Capital Campaign
Steering Committee**

Annette Murdaca, chair
Janice Roth
Janet Hamilton
Christian Phillips
Ivan Suess
Dr. Walter Reiss
Capt. Frank Severs
Ron Mettler
Pat Patrick
Ken Owen
Thomas O'Brien
Carol Meehleis

March 14, 2003

The Lodi City Council
c/o Ms. Janet Hamilton
Lodi City Hall
221 W. Pine Street
Lodi, CA 95240

Dear Friends At The Lodi City Council:

I am writing in regard to request \$50,000 per year for 5 years (for a total of \$250,000) from the City of Lodi General Fund. We have discussed this, as it relates to moving our old shelter out of Downtown Lodi and relocating 5 blocks North on Sacramento Street. This location is where we are purchasing and remodeling our community dining room, food bank for Northern San Joaquin County, men's shelter and the remodeled rooms for women and children. Can you please consider a \$50,000 allocation, as we are getting ready to start the remodeling in the next few months?

Thank you for your help and consideration in this matter!

Blessings to you,

FRANK

Captains Frank Severs

CFS:lb

RECEIVED

APR 15 2003

City Clerk
City of Lodi



RECEIVED

2003 APR 16 PM 3:45

CITY CLERK
CITY OF LODI

April 16, 2003

Lodi City Council
City Hall
Lodi, California

Dear Council Members;

As the Chairman of the Capital Campaign for The Salvation Army's Hope Harbor building project, I once again seek your support.

Specifically, I'm asking this council honor a commitment made by the City Council in 2001, that being to fund the Army's Hope Harbor project in the amount of \$250,000 over the next five years.

Appreciating budget constraints the city is facing, we know general fund cash is in very short supply. We ask the council to consider the first year's payment commitment of fifty thousand dollars be *substituted* through the council approved wavier of city building permits and construction fee costs. Our contractor estimates these to be in the neighborhood of forty thousand dollars.

The people in need in Lodi and we campaign workers appreciate each of the individual gifts and the support you have shown for this community-wide project. We count, as of today, with your confirmation to make good on the \$250,000 promise, only \$48,000 remaining to our \$1.5 million goal.

We ask you prayerfully consider this request.

Sincerely,

Pat Patrick

From:

04/16/2003 15:13 #015 P.002

**I-5**
(page 75)

SENT VIA FAX

3755 North Freeway Blvd.

P.O. Box 348000

Sacramento CA 95834

Phone (916) 363-3700

Fax (916) 648-0535

www.saratoday.org

April 15, 2003

Lodi City Council Members
City of Lodi

Dear Council Members:

I would like to express my sincere thanks on behalf of The Salvation Army for the support that each of you has given this past year. As you are aware, The Salvation Army has taken on a task that would appear insurmountable, but with the support of City leaders and the community at large the goal of raising 1.5 million dollars is obtainable.

When The Salvation Army decided to move forward with a Capital Campaign over a year ago, the City of Lodi made a commitment of \$250,000 over a period of five years using City funds towards the Capital Campaign. I understand that there is some hesitation toward honoring this commitment. I hope we can work out the details so the gift can become a reality.

Probably The Salvation Army would not have moved forward with the campaign or the purchasing of the building at 622 North Sacramento Street if the City had not made this financial commitment. I realize funds are tight and will only go so far. Without our program, additional needs and requests would be put on the City in order to provide assistance to people in need. Due to our program, the lives of individuals who need a place to sleep or food to eat helps to alleviate additional burden on an already tight city budget.

Hopefully after each of you review the success of our program in Lodi, funds will become available so the original commitment can be honored. I look forward to the continued support and working relationship that The Salvation Army has with the City of Lodi.

Sincerely,

A handwritten signature in dark ink, appearing to read "David G. Bentley".

David G. Bentley
Director of Business Services
Del Oro Division

Handwritten note at bottom of page:
Lodi City Council Meeting 4/16/03